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इस भाग में भिन्न पृष्ठ सख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office Relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 19th March, 1988

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New Delhi-110005.

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1-507 GI/87

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135, of the Patents Act, 1970.

The 11th February, 1988

121/Cal/88. Carl Edelmann Verpackungstechnik GmbH. Transport and storage container for concentrates of beverages or the like (Convention dated 28-7-1987) U.K. (87110947.6).

122/Cal/88. Labavia—S.G.E. Improvements to eddy current retarders for vehicles.

123/Cal/88. Hoechst Aktiengesellschaft. Process for the preparation of acetoacetylarylamides and heteroarylamides of deactivated aromatics.

124/Cal/88. Devapriya Mukerjee. Prefabricated portac truss frames for a star cell housing.

The 12th February, 1988

125/Cal/88. Metallgesellschaft Aktiengesellschaft. Process of removing hydrogen sulfide from exhaust gas.

126/Cal/88. (1) Gosudarstvenny Proektiny I Nauchno-Issledovatel'skiy Institut Nikelevo-Kobaltovoi Promyshlennosti (Gipronikel); (2) Vsesojuzny Nauchno-Issledovatel'skiy I proektno-Tekhnologicheskii Institut Ugolnogo Mashino-Stroenia "Vniptuglemash. Method of Plasma-arc treatment of materials.

127/Cal/88. Ram Swarup Singh. A spun pipe well type fall for delivering water from a higher level to a lower level.

128/Cal/88. Process Scientific Innovations Limited. Coupling for pressure or vacuum fluid system. (13 Feb. 1987) (8703313) U.K.

129/Cal/88. Upendra Kumar Das. Magneto Electric Desalination system.

The 15th February, 1988

130/Cal/88. Mr. Narayan Chandra Acharyya. White coal (Husking Briquette with carbon cover).

131/Cal/88. Prasanta Kumar Mohanty. Apparatus and process for reducing accretion in rotary kiln direct reduction.

132/Cal/88. Prasanta Kumar Mohanty. Improvement in or relating to manufacture of steel.

133/Cal/88. Westinghouse Electric Corporation. Improvements in or relating to axial seal system for rotary combustor.

134/Cal/88. Asahi Kasei Kogyo Kabushiki Kaisha. Novel phosphoramidothionate derivatives and their use as pesticides.

135/Cal/88. Toyo Engineering Corporation. Urea production process.

136/Cal/88. Combustion Engineering, Inc. Coal pulverizer inerting and fire extinguishing system.

137/Cal/88. Hoechst Aktiengesellschaft. Water-soluble azo compounds, a process for their preparation, and their use as dyes.

138/Cal/88. Tarak Nath Pan. Unconventional method of producing electricity from simple water.

The 16th February, 1988

139/Cal/88. R. J. Reynolds Tobacco Company. Method for making a smoking article and components for use therein.

140/Cal/88. Nitro Nobel AB. Detonator.

141/Cal/88. (1) Alexandr Sergeevich Sergeev (2) Alexandr Moiseevich Pisarevskiy (3) Oleg Sergeevich Ershov, (4) Pavel Mikhailovich Tolstikov

(5) Gennady Alexandrovich Dameshek (6) Vladimir Georgievich Krunchak (7) Igor Mikhailovich Shults (8) Iosif Arnoldovich Zaidenman. Electrode Glass.

142/Cal/88. Belorussky Gosudarstvennyy Universitet Imeni V.I. Lenina. Gate-controlled electric drive.

The 17th February, 1988

143/Cal/88. Molinier S.A. A manufacturing process for a cohesive compression bandage, the implementing means and the bandage obtained.

144/Cal/88. Dennis E.J. Johnson and Scott J. Johnson. Apparatus for chemical free water purification treatment. (Convention dated 24-8-1982) Canada [Divisional dated 24th August, 1983].

145/Cal/88. Eaton Corporation. Mechanical Transmission and control method therefor.

146/Cal/88. Eaton Corporation. Fluid actuated shift bar housing assembly.

147/Cal/88. The Trustees of Columbia University. A process for preparing composition for inhibiting the transmission of aids virus.

REGISTRATION OF PATENT AGENTS

The following person has been registered as Patent Agent :—

Bharati Hotchand Bakshani,
11, New Marine Lines,
4-C, Fazalbhoy House,
BOMBAY-400 020.

CORRIGENDUM

In the Gazette of India Part III Section 2 dated the 31st October 1987 under the heading "PATENTS SEALED" delete 152448.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005

The 18th January, 1988

37/Del/88. Indian Institute of Technology, "A digital differentiator".

38/Del/88. Bendix France, "Drum brake with automatic adjustment locked at high temperature".

39/Del/88. Societe Nationale Elf Aquitaine (Production). "An oil production apparatus for a sub-sea station of modular design". [Divisional date 3rd May, 1985].

40/Del/FTA Futurtech Aktiengesellschaft, "Process and apparatus for the continuous production of fibre-reinforced plastic hollow sections and plastic hollow sections". (Convention date 22nd January, 1987) (Australia).

41/Del/88. Asea Brown Boveri AB. "Surge arrester".

The 19th January, 1988

42/Del/88. Pravcen Grover, "Infant Feeding Bottle".

43/Del/88. Sung-In Lee, "Method of manufacturing and emulsion for treatment after spinning cellulose filaments".

44/Del/88. Ashok Gadgil, "A canal".

45/Del/88. Institut Khimii Tverdogo Tela I Pererabotki Mineralnogo Syr'ya Sibirskogo Otdelenia Akademii Nauk USSR. "Apparatus for determining concentration of paramagnetic ions in solutions".

46/Del/88. Bergwerksverband GmbH, "Pitch material from coal tar pitch, method of its production, as well as application of such pitch material".

47/Del/88. Doris Engineering, "Non-rigid marine platform with surface wellheads".

The 20th January, 1988

48/Del/88. Texas Instruments Incorporated, "Integrated bipolar and comos transistor fabrication process".

49/Del/88. International Business Machines Corporation, "Data processing system with-pluggable option card". (Convention date 27th October, 1987). (U.K.).

50/Del/88. International Business Machines Corporation, "Memory re-mapping in a microcomputer system". (Convention date 27th October, 1987). (U.K.).

51/Del/88. International Business Machines Corporation, "Computer system with video subsystem". (Convention date 27th October, 1987) (U.K.).

52/Del/88. International Business Machines Corporation, "Adapter card mounting in a low profile micro-computer". (Convention date 27th October, 1987) (U.K.).

53/Del/88. International Business Machines Corporation, "Computer system accepting feature cards (Convention date 27th October, 1987) (U.K.).

The 21st January, 1988

54/Del/88. The Broken hill Proprietary Company Limited "A process for making alumina". (Convention date 3rd May 1984) [Divisional date 30th April, 1985]. Australia.

55/Del/88. Bharat Heavy Electricals Limited. "Compound hydromechanical torque converter".

56/Del/88. Saurabh Natverlal Kinariwala, "A rotational plastic moulding machine".

57/Del/88. Saurabh Natverlal Kinariwala. "A rotational plastic moulding machine".

58/Del/88. Chemische Fabrik Stockhausen GmbH. "A retanning Process".

59/Del/87. Texas Instruments Incorporated, "Bipolar transistor fabrication utilizing Comos techniques".

APPLICATIONS FOR PATENTS FILED AT THE
PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600002

The 1st February, 1988

63/Mas/88. MINNESOTA MINING AND MANUFACTURING COMPANY. Abrasive Grits formed of ceramic containing oxides of aluminium and rare earth metal, method of making and products made therewith.

The 2nd February, 1988

64/Mas/88. Nippon Steel Corporation, Method of continuously casting lead-bearing steel.

65/Mas/88. Takeda Chemical Industries, Ltd. An Agricultural Composition.

66/Mas/88. STAMICARBON B.V. Catalyst system for high temperature (co) polymerization of ethylene.

67/Mas/88. STAMICARBON B.V. Catalyst system for (co) polymerization of ethylene in solution.

68/Mas/88. TAKEDA CHEMICAL INDUSTRIES, LTD. Nucleotide analogs, their production and use.

The 3rd February, 1988

69/Mas/88. Henkel Kommanditgesellschaft auf Aktien. The use of derivatives of triecle-(5, 3, 102, 6)-dec-3-ene as frothers in the flotation of coal and ores.

70/Mas/88. THE DOW CHEMICAL COMPANY. Gel-Type chelating resins and a process for removal of multi-valent, alkaline earth of heavy metal cations from solutions.

71/Mas/88. HAMON-SOBELCO S.A. Trickling sheet for packing means in an installation for bringing liquid and gas into contact, and packing means thus constituted.

72/Mas/88. DANA CORPORATION. Tandem axle assembly. (Dec. 23, 1987; U.K.).

73/Mas/88. Kyorin Seiyaku Kabushiki Kaisha. A process for the preparation of quinoline carboxylic acid derivatives. (Divisional to Patent Application No. 211/Mas/85).

The 4th February, 1988

74/Mas/88. Eduard Kusters Maschinenfabrik GmbH & Co. KG. A method of and plant for the manufacture of wood chipboards and similar broad materials.

The 5th February, 1988

75/Mas/88. THIRUMALAI ANANDAM PILLAI VIJAYAN. Mosquito Net for Hammocks for Babies.

ALTERATION OF DATE

162043, Ante dated to 24th April 1984.
(481/Mas/85)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS : 163-A & D.

162021

Int. Cl. F 02 p 5/00.

IGNITION CONTROLLING MEANS FOR A LINEAR OR ROTARY ENGINE.

Applicant & Inventor : TAI-HER YANG, OF 5-1 TAY PYNG STREET, SHI HWU JENN, JANG HUAH SHI-ANN, TAIWAN, REPUBLIC OF CHINA.

Application No. 354/Cal/83 filed March 24, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 claims

An ignition controlling means for a linear or rotary engine comprising :

means to sense the vacuum in the engine in take and convert the so-sensed value of vacuum into a corresponding analog or digital signal;

means to sense the engine speed and convert the so-sensed value of engine speed into a corresponding analog or digital signal;

means for storing ignition timing correction values; and means for comparing the vacuum and speed signals with the stored correction values and generating a servo-driving signal for adjustment of the ignition timing of the engine.

Compl. Specn. 19 pages. Drgs. 15 sheets.

CLASS : 147-E.

162022

Int. Cl. B 65 h 75/00.

BRAKING APPARATUS FOR COAXIAL REEL TAPE RECORDERS.

Applicant : FAIRCHILD WESTON SYSTEMS INC., OF FRUITVILLE & PACKINGHOUSE ROADS, SARASOTA, FLORIDA 33578, U.S.A.

Inventor : 1. DAVID GERALD HART.

Application No. 1158/Cal/83 filed September 22, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 claims

Braking apparatus for a coaxial reel tape recorder of the type including a pair of tape reels disposed adjacent one another and mounted to a pair of drive shafts disposed concentric each other on one side of a chassis, the drive shafts having portions extending through an opening in the chassis, a pair of drive wheels disposed adjacent one another and mounted to the portions of the drive shafts which extend through the chassis and on a side opposite from the tape reels, and electrical drive means for driving the drive wheels, the braking apparatus comprising :

a single brake pad arranged adjacent the pair of drive wheels on the side of the chassis opposite the tape reels; and means connected to the brake pad for selectively causing the brake pad to simultaneously contact and brake both drive wheels.

Compl. Specn. 16 pages. Drgs. 2 sheets.

CLASS : 152-E.

162023

Int. Cl. B 29c 35/00, C08 g 1/00.

FOAMABLE AND CURABLE COMPOSITION.

Applicant : PENNWALT CORPORATION, PENNWALT BUILDING, THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

Inventor : 1. ERNEST RUDOLPH KAMENS.

Application No. 113/Cal/84 filed February 16, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 claims

A foamable and curable composition comprising an admixture of 100 parts by weight of a medium such as herein described which is polymerizable and/or cross-linkable by free radical initiation. 0.2 to 20 parts by weight of a peroxide, 0.01 to 2.00 parts by weight of at least one transition

metal salt promoter wherein at least one of the metals is selected from the group consisting of iron and copper, and 0.2 to 10 parts by weight of a carbonyl-hydrazine blowing agent such as herein described.

Compl. Specn. 27 pages. Drg. nil.

CLASS : 99-E; 143-D₁, 3₁.

162024

Int. Cl. B 65 d 77/00, 85/00, 89/00.

A PACKAGE FOR PROTECTION OF DELICATE, FRAGILE AND/OR SHOCK SENSITIVE ARTICLES DURING TRANSPORTATION/STORAGE.

Applicant : SRP. INC., OF 116 SUGAR CANE COURT, GREER, SOUTH CAROLINA 29651, UNITED STATES OF AMERICA.

Inventor : 1. FREDERIC BAILLOD.

Application No. 158/Cal/84 filed March 6, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 claims

A package for protection of delicate, fragile, and/or shock sensitive articles during transportation/storage, said package consisting of at least one enclosure comprising a pair of concave mating portions and an elastic membrane secured in elastic tension said tension being such as to permit the positioning between said membranes of article or articles to be contained in said enclosure, and enclosure being adapted to function as a fluid damped device in which damping results from restricted flow of air or other gases and in which said membranes act as a damped compound spring to protect articles positioned therebetween from mechanical shock and vibration.

Compl. Specn. 26 pages. Drgs. 2 sheets.

CLASS : 86-B.

162025

Int. Cl. A 47 c 7/00.

AUXILIARY SUPPORTS FOR CHAIRS AND CHAIRS HAVING SUCH AUXILIARY SUPPORTS.

Applicant & Inventor : ASISH KUMAR SANYAL, C/O. MRS. M. DASGUPTA, 154 KANKULIA ROAD, CALCUTTA-700029.

Application No. 227/Cal/84 filed April 6, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

An auxiliary support for chairs comprising a horizontal platform supported on a plate or panel slidable on the seat of a chair, an upwardly inclined backrest secured to the rear side of the horizontal platform, means for moving the said plate or panel towards the front or the rear and means for locking the plate or panel at any desired position.

Compl. Specn. 6 pages. Drg. 1 sheet.

CLASS : 129-C, F & H.

162026

Int. Cl. B 23 d 75/00; B 23 q 11/10.

A METHOD OF MANUFACTURING HIGH STRENGTH AND LOW WEIGHT COMPOSITE MATERIALS.

Applicant : UNITED TECHNOLOGIES CORPORATION, AT 1 FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA.

Inventor : 1. JOHN WILLIAM SUTCLIFFE.

Application No. 832/Cal/84 filed December 3, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 claims

A method for the manufacture of high strength low weight composite structural material which comprises preparing multiple sheets of composite material in a laminar arrangement followed by curing or hardening of said composite using a binder whereafter said cured composite is subjected to necessary machining said machining operation being carried out in the presence of a fluid comprising said binder of composite material in an uncured state and adapted to lubricate the machine tools used for such machining operation.

Compl. Specn. 6 pages. Drg. 1 sheet.

CLASS : 85-Q.

162027

Int. Cl. F 27 b 7/32.

APPARATUS FOR HEAT TREATMENT OF POWDERED MATERIALS.

Applicant : VSESOJUZNY NUCHNO-ISSLEDOVATELSKY I PROEKTNY INSTITUT ALUMINIEVOI, MAGNIEVOI I ELEKTRODNOI PROMYSHLENNOSTI, OF LENINGRAD, SREDNY PROSPEKT, 86, USSR.

Inventors :

1. GARRY VLADIMIROVICH TELYATNIKOV,
2. PAVEL IVANOVICH SOKOLOV,
3. GERMAN ABRAMOVICH KAIM,
4. EDUARD LVOVICH YAGUD,
5. VIKTOR PROKHOROVICH LYAKHOV,
6. NIKOLAI IVANOVICH GORSHKOV,
7. ALEXANDR ANDREEVICH STAROVEROV,
8. ANATOLY BORISOVICH KARPOV,
9. LEONID DMITRIEVICH YAKOVLEV.

Application No. 16/Cal/85 filed January 10, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

An apparatus for heat treatment of powdered materials, comprising a rotary cylindrical kiln installed at an angle to the horizontal and including a drying zone and a zone for heat treatment of dried material, circular baffles installed within the drying zone, rows of dispersing blades installed in between the circular baffles, a charging device connected with a charging pipe branch installed in the charging end-face of the rotary kiln, and a pipe having its charging end connected with a cyclone heat exchanger and its discharging end placed within the dry-material heat treatment zone, the apertures of the circular baffles being different in area and being disposed so that the aperture of the baffle arranged at a greater distance from the charging end-face plate of the rotary kiln has a smaller area than that of the aperture of the baffle arranged at a closer distance to the charging end-face of the rotary kiln.

Compl. Specn. 17 pages. Drg. 1 sheet.

CLASS : 179-C.

162028

Int. Cl. F 16 J 13/00.

DEVICE FOR VENTING AN ENCLOSURE SUCH AS FOR AN INDUSTRIAL CONTROL OR HOUSING.

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventors : 1. LONNIE JOE RICHMAN, 2. EDWARD FRANK STOCKMASTER.

Application No. 600/Cal/85 filed August 20, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

-9 claims

A device for venting an enclosure such as for an industrial control or a housing comprising a base member and a stem member connected to said base member, said stem member being received within an aperture in the enclosure and being slidably movable within the aperture between a first position and a second position, said base member being in a non-contacting relationship with the enclosure when said stem member is in said first position and being in a contacting relationship with the enclosure when said stem member is in said second position.

Compl. Specn. 10 pages. Drg. 1 sheet.

CLASS : 128-A, G & K.

162029

Int. Cl. A 61 b 17/00, 17/04, 17/06, 17/12.

LIGATURE HOLDER.

Applicants : (1) BLAGOVESCHENSKY GOSUDARSTVENNY MEDITSINSKY INSTITUT, OF BLAGOVESCHENSK, ULITSA GORKOGO 95, USSR; (2) VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY I ISPYTATELNY INSTITUT MEDITSINSKOI TEKHNIKI, OF ULITSA KASATKINA, 3. MOSCOW, USSR.

Inventors :

1. YAROSLAV PETROVICH KULIK,
2. IVAN IVANOVICH SHMYRIN,
3. RUSTAM ISMAILOVICH UTYAMYSHEV,
4. MARINA NARTSISSOVNA VYRZHIKOVSKAYA,
5. BORIS ANDREEVICH SMIRNOV.

Application No. 801/Cal/85 filed November 8, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 claims

A ligature holder above a surgery field, comprising a supporting ring, ligature fixing devices secured rigidly on the lateral outside surface of said supporting ring and made as spring hooks whose open portion faces in a direction opposite to said surgery field, the area of said supporting ring being substantially less than that of said surgery field.

Compl. Specn. 6 pages. Drg. 1 sheet.

CLASS : 195-D.

162030

Int. Cl. F 16 b 3/22.

AUTOMATIC SAFETY DEVICE FOR FLUID DUCT.

Applicant : "NEYRPIC" 75 RUE GENERAL MANGIN, FR-38000 GRENOBLE, FRANCE.

Inventor : 1. JEAN-LOUIS QUENIN.

Application No. 900/Cal/85 filed December 13, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

Automatically and independently operating safety device having for its effect to trigger off total or partial closure of a member (2) inserted in a conduit (1) when the velocity of a fluid circulating in this conduit attains a determined value (VM) considered as dangerous, this safety device comprising a system for detecting the velocity of the fluid, and a mechanism for controlling the closure of the member (2) operation by means of the pressure of the fluid in the conduit (1), characterized in that it is constituted by :

a pilot tube comprising in manner known per se a static pressure tapping (9) and a total pressure tapping (10) placed in the conduit (1);

a differential fluid threshold amplifier (16) comprising :
an enclosure (17)

a median piston (18) supported by a membrane (19) and defining an upper chamber (20) closed by a valve (21) and a lower chamber (22) closed by a balancing piston (24) of surface equal to that of valve (21),

an upper chamber (25) connected to atmosphere,

a vertical rod (27) passing right through the amplifier (16), provided with a balancing mass (31) and on which the valve (21) and the pistons (24 and 18) are fixed, whilst it slides with respect to another valve (29) which is mounted on the piston (18) via a damper spring (30),

a double seat (210) for valves (21 and 29) and located between the chambers (20, 22),

a pipe (12) connecting the upper chamber (20) to the static pressure tapping (9) of the pitot tube,

a pipe (13) connecting the lower chamber (22) to the total pressure tapping (10) of the Pitot tube,

and a square lever mechanism (60, 61) actuated by the rod (27) and intended to retain or to release a rod (5) fast with a butterfly (2) with counter-weight (4) mounted in conduit (1).

Compl. Specn. 13 pages. Drgs. 2 sheets.

CLASS : 86E.

162031

Int. Cl. F16m—11/00, F21V—36/00.

A PROTECTIVE FIBREGLASS SUPPORT DEVICE FOR A BURNING TYPE MOSQUITO REPELLANT COIL.

Application & Inventor : VIJAY GOVIND GOKHALE, OF BOMBAY CHEMICALS, PRIVATE LIMITED, 129 MAHATMA GANDHI ROAD, BOMBAY-400 023, MAHARASHTRA, INDIA.

Application No. 341/Bom/1984 filed on 10 Dec. 1984.

Complete after provisional left on 4 March, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

2 claims

A protective fibreglass support device for a burning type mosquito repellent coil, said device comprising a dished metallic protective cover member said cover member having a bottom portion and a vertical portion, and a fibreglass disc fixed in said cover member, said fibreglass disc being adapted to support said mosquito repellent coil, the height of said vertical portion of said cover member being such that said vertical portion extends beyond said fibreglass disc and said coil when said coil is supported on said fibreglass disc to provide a protective cover to said fibreglass disc and coil, the lip of said vertical portion being provided with a blunt surface to facilitate handling of said device.

Provisional Specn.—3 pages. Drg. nil.

Compl. Specn.—6 pages. Drgs. 2 sheets.

Ind. Cl. : 32F₁(b), 55 E.

162032

Int. Cl. C12d—9/22.

A PROCESS FOR THE PRODUCTION OF A NOVEL ANTIBIOTIC MULUNDICANDIN FROM A NOVEL MICRO-ORGANISM ASPERGILLUS SYDOWII (BAINIER AND SARTORY) THOM AND CHURCH VAR. NOV. MULUNDENSIS ROY (CULTURE NO. Y-30462).

Applicant : HOECHST INDIA LIMITED, OF HOECHST HOUSE NARIMAN POINT, 193 BACKBAY RECLAMATION, BOMBAY-400 021, MAHARASHTRA, INDIA.

Inventors : DR. KIRITY ROY, DR. GOWANAPALLI CHANDRASEKHARA REDDY, DR. TRIPATHI, DR. MUKHOPADHYAY, DR. BIMAL NARAYAN GANGULI AND DR. KALYANPURAM RAJAGOPALAN DESIKAN.

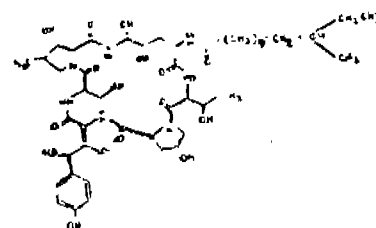
Application No. 22/Bom/1985 filed on 21 January, 1985.

Complete after provisional left on 3rd February, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

5 claims

A process for the production of a novel antibiotic mulundocandin having the structure shown in Fig. 1 of the drawings accompanying this specification from a novel micro-organism *Aspergillus sydowii* (Bainier and Sartory) Thom and Church Var. nov. mulundensis Roy (Culture No. Y-30462), said process comprising cultivating said micro-organism by fermentation under aerobic conditions in a nutrient medium comprising carbon sources such as glucose or starch, nitrogen sources such as beef extract, tryptone or yeast extract and inorganic salts such as those of sodium, potassium, magnesium, calcium, iron, zinc, cobalt, manganese, copper phosphorus or sulphur at a temperature between 25-30°C and pH 6-7 and isolating and purifying the said antibiotic from the culture broth in known manner.



Prov. Specn. 18 pages. Drg. 1 sheet.

Comp. Specn. 20 pages. Drg. 1 sheet.

CLASS : 186 A.

162033

Int. Cl. : H01 p 1/00.

PILOT WIRE DISTANCE COMPENSATING CIRCUIT.

Applicant : MITSUBISHI DENKI KABUSHIKI KAISHA, A JAPANESE COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN, 2-3, MARUNOUCHI 2 CHOME, CHIYODA-KU TOKYO 100, JAPAN.

Inventors : KEIJI ISAHAYA, JUNICHI NAKAHARA AND TADASHI MATSUZAKI.

Application No. 71/Bom/1985. Filed on 21st March, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-400 013.

2 Claims

1. A pilot wire distance compensating circuit comprising a two-terminal pair network having a first input terminal, a second input terminal, a first output terminal and a second output terminal, wherein a plurality of groups of capacitors connected between said first input terminal and said second input terminal or between said first output terminal and said second output terminal are arranged into a unified group and connected between said first input terminal and said second input terminal or between said first output terminal and said second output terminal.

Compl. Specn. 9 pages.

Drgs. 2 sheets.

CLASS : 27 I.

162034

Int. Cl. : E02 d-27/26.

A PRECAST CEMENT CONCRETE FOUNDATION BLOCK FOR BUILDING FOUNDATION FOR A LOAD BEARING WALL OR THE LIKE STRUCTURE AND A FOUNDATION BUILT WITH THE SAME.

Applicant & Inventor : VIJAY GOVIND GOKHALE, of BOMBAY CHEMICALS PRIVATE LIMITED, 129, MAHATMA GANDHI ROAD, BOMBAY-400 023, MAHARASHTRA, INDIA.

Application No. 72/Bom/1985 filed on 22nd March, 1985.
Post dated to 22nd April, 1985.

Complete after provisional left on 18th July, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-400 013.

6 Claims

A precast cement concrete foundation block for building foundation for a load bearing wall or the like structure, said block being C or I shaped and provided with at least one reinforcing rib therein and interlocking or interconnecting means at both ends thereof.

Compl. Specn. 9 pages.

Drgs. 4 sheets.

Provl. Specn. 4 pages.

Drg. Nil.

CLASS : 27-O.

162035

Int. Cl. : E 04 B-2/00.

IMPROVEMENTS IN OR RELATING TO WALL STRUCTURES.

Applicant & Inventor : PADMANNA JAMBU CHAUGULE, BLOCK NO. 11, P. O. RATNAPPA KUMBHAR NAGAR, CHALKARANJI, DIST. KOLHAPUR, PIN 416 121 (MAHARASHTRA), INDIA.

Application No. 94/Bom/1985 filed on 11th April, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-400 013.

12 Claims

A wall structure comprising of stabilizing units having channel like or U shaped facial vertical slots on their exterior vertical faces and laid in their position in cementing materials on work site according as their predetermined layout, post laid reinforcement placed vertically in the said facial vertical slots selectively and wall units laid in cementing materials in between the stabilizing units to interconnect the said stabilizing units monolithically such that vertical open joints formed at the interconnections by the said facial vertical slots of the said stabilizing units and vertical faces of wall units are filled in with cementing materials.

Compl. Specn. 23 pages.

Drg. 1 sheet.

CLASS : 116 C.

162036

Int. Cl. : B 29 d-29/02, B 65 g 15/10, 15/34, F 16 g-03/10, 03/16.

A METHOD FOR SPLICING OF ELASTOMERIC BELTS AND BELTS SO PRODUCED.

Applicant : VOLTA POWER BELTING LIMITED (AN ISRAELI COMPANY) OF 6, MATITYAHU STREET, B'NAI BRAK, ISRAEL.

Inventor : GIDEON PINTO, JONATHAN SCHANIN.

Application No. 191/Bom/1985 filed on 22nd July, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay.

10 Claims

A method for splicing of elastomeric belts having one or more reinforced members extending in the lengthwise direction of the belt, characterized by the steps of recessing said reinforcing members at the open belt ends and subsequently but joining said belt ends to form an endless belt.

Compl. Specn. 15 pages.

Drgs. 4 sheets.

Ind. Cl. : 32 Fa b.

162037

Int. Cl. : CO; C-51/42

AN IMPROVED PROCESS FOR THE RECOVERY OF FATTY ACIDS FROM THE OXIDATE OBTAINED BY OXIDATION OF NORMAL PARAFFINS.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA, AN INDIAN COMPANY.

Inventor : KRISHNAMOORTHY CHANDRA SEKARAN.

Application No. 220/Bom/85 filed on August 22, 1985.

Complete after provisional left on August 22, 1986.

Appropriate office for oppositions proceedings Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims

1. An improved process for the recovery of fatty acids from the oxidate obtained by oxidation of normal paraffins, said process comprising :

- (i) saponifying the oxidate with an alkali such as sodium hydroxide, potassium hydroxide or ammonia in a saponification medium containing alcohol of 1-3 carbon atoms and water under mechanical agitation and at atmospheric pressure and a temperature between 50°C to 80°C;
- (ii) settling the resulting mass into two layers at a temperature between 40°C to 60°C;
- (iii) separating the upper layer containing unsaponified matter from the lower layer containing saponified matter in known manner such as by decantation;
- (iv) extracting the lower layer containing saponified matter with a saturated linear hydrocarbon solvent containing 5 to 7 carbon atoms and having a boiling point of 50°C to 100°C atmospheric pressure and a temperature between 50°C to 80°C.
- (v) desolventising the solvent extract in known manner such as by evaporation;
- (vi) splitting the concentrate resulting from step (v) with a mineral acid such as sulphuric acid or hydrochloric acid;
- (vii) washing the concentrate with water and drying the concentrate.

Provisional specification : 6 pages

Drawing : Nil

Complete specification 8 pages

Drawing Nil

CLASS : 160A, 169B

162038

Int. Cl. : B62d-61/08

A NON-TIPPING 2-WHEELER AGRICULTURAL TRAILER.

Applicant's & Inventor : MAHINDRA OWEN LIMITED, 155, BOMBAY-PUNE ROAD, PIMPRI, PUNE-111 018, MAHARASHTRA, INDIA.

Application No. 319/Bom/1985 complete after provisional left Sept 2, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims

A non-tipping 2-wheeler agricultural trailer comprising an axle having hubs with brake means, pneumatic tyred wheels with or without shock-absorbers/leaf/coil springs assembly, a chassis on said axle, said chassis having at its front end a tow bar with coupling means for coupling to a tractor/Tractor or the like towing vehicle in known manner, a manually operable brake lever adjacent said tow bar, a pair of

guard plates on said chassis at front and/or rear end of said wheels, each of said rear guard plates having a combination of a reflector and/or a parking light, and characterised in that said chassis is provided with a body having specially formed fixed front panel and hingeably mounted side and rear panels suitably strengthened and provided with a top hat section forming a weather shield therefor, and a platform having plurality of spaced vertical pillars integral therewith, each of said pillar is having locking means for locking thereto respective side and rear panels.

Comp. Specn. 12 pages, Drgs. 2 sheets,

Prov. Specn. 16 pages, Drgs. 3 sheets.

CLASS : 128 G+H.

162039

Int. Cl. : A 61 F-5/43, 5/453.

AN IMPROVED NON-SLIP APPLIANCE FOR INCONTINENCE PATIENTS.

Applicant & Inventor : AKSHAY VITHALDAS MUZUM-DAR, 15-K SICKA NAGAR, VITHALBHAI PATEL ROAD, BOMBAY-400 004, MAHARASHTRA, INDIA.

Application No. 54/Bom/86 filed on 11th February, 1986.

Complete after provisional left on 3 March, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-13.

4 Claims

An improved non-slip appliance for incontinence patients of the type herein described comprising a sheath made or moulded from india rubber latex or the like chemically inert plastic material, said sheath having an elastic rim at its top open end for slipping it over penis shank and gripping there-between shank base of penis, the lower portion of said sheath being extended downwardly either alone one plane or having a taper ending in a first glans forming a seat and cap for glans end of penis and the portion below said first glans being further extended downwardly to form an extension drip tube ending in a second glans having a narrow passage for drawing there-through urine continuously dripping from the penis and in that said drain tube is adapted to get slidably fitted within inlet tube of a bottle or the like pouch having strap means of known type for being attached to leg of a person fitted with said appliance for collecting the urine dripping out from his penis.

Provisional specification 5 pages.

Drawing 1 sheet.

Compl. Specn. 8 pages.

Drng. Nil.

CLASS : 19A+C

162040

Int. Cl. : F 16B-13/00, 13/06.

PERMANENT BOLT FASTNER.

Applicant & Inventor : RATILAL NAROTTAMDASS PANCHAL, AN INDIAN NATIONAL OF 21A, LAXMI INDUSTRIAL ESTATE, SANKARRAO NARAM PATH, OFF. FERGUSSON ROAD, LOWER PAREL, BOMBAY-13, MAHARASHTRA, INDIA.

Application No. 65/Bom/86 filed—February, 19, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims

A permanent bolt fastner to be imbedded in a relatively incompressible material, such as concrete and the like comprising a bolt having threads at one end and a rotatable head at the other end, said bolt having a neck region between the head and the threaded end; a tapered, conical sleeve adapted to be inserted on the bolt from the threaded end and resting below the neck region; a tapered, conical nut adapted to be threaded over the threaded end of the said bolt; a cylindrical collar consisting of two hemi-cylindrical portions joined together by means of a spring steel circlip, adapted to be inserted over the bolt below the said sleeve, said cylindrical collar having a conical profile at the two ends for accommodating the conical portions of the said sleeve and the said nut, said cylindrical collar adapted to flare at both ends, when the nut is tightened on the bolt.

Comp. Specn. 7 pages

Drawing 1 sheet

CLASS : 32-F.2(b)

162041

Int. Cl. : C 07 d 99/14

A METHOD FOR PREPARATION OF ACYLAMINE PENCILLINIC ANTIBIOTIC COMPOUNDS.

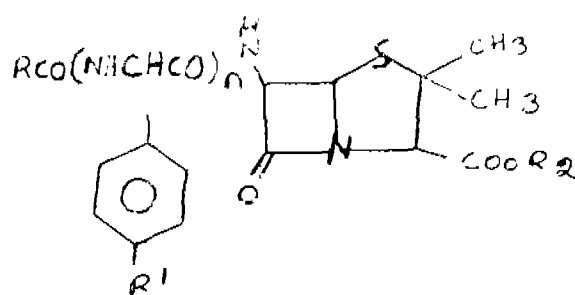
Applicant : T P O "PHARMACHIM", OF 16, ILIENSKO CHAUSSEE, SOFIA, BULGARIA, TRADE INDUSTRIAL CORPORATION, ORGANIZED UNDER THE LAWS OF BULGARIA.

Inventors : (1) IVANKA ASSENOVA ATANASSOVA, (2) MARIETA AVRAMOVA HAIMOVA (3) VESSELINA BORISSOVA CHAVDAROVA (4) ANTON IVANOV NAKOV (5) NEDELCHO GENEV PETKOV (6) RUSKA STRATEVA AVRAMOVA.

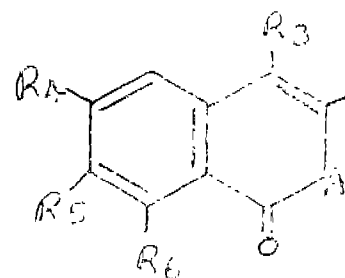
Application No. 351/Mas/85 filed May 8, 1985.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

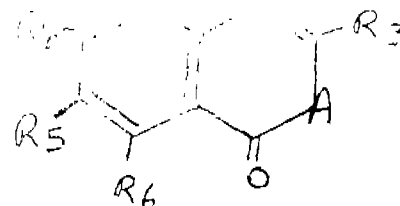
2 Claims



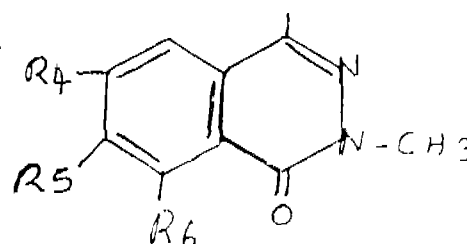
Formula—1



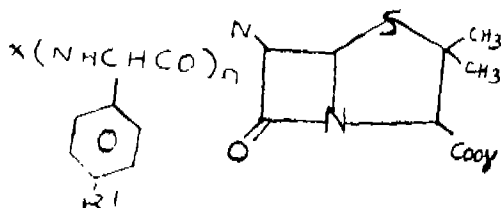
Formula—2A



Formula—2B



Formula—2C



Formula—3



Formula—4

A method for preparing acylamine penicillanic antibiotic compounds of the formula 1, wherein:

R is selected from the group consisting of compounds of formulae 2A, 2B and 2C in which:

R_1 is selected from the group consisting of hydrogen and a hydroxyl group;

R_2 is selected from the group consisting of hydrogen, a sodium or potassium ion and a carboxy protective group;

R_3 is selected from the group consisting of hydrogen, a lower alkyl and a phenyl residue;

R_4 , R_5 and R_6 are each selected from the group consisting of hydrogen, a halogen, a lower alkyl and a lower alkoxy group;

A is selected from the group consisting of oxygen and a N-(lower alkyl) residue; and n is 1, comprising the step of reacting a compound of formula 4, wherein R is as defined in formula 1 and

Z is selected from the group consisting of a halogen atom and the group $(-O-CO-Alk)$, where Alk is selected from the group consisting of methyl, ethyl and t-butyl with a compound of formula 3, wherein R_1 is selected from the group consisting of a hydrogen atom and a hydroxy group; n is 1; X is selected from the group consisting of a hydrogen atom and a trialkylsilyl group and Y is selected from the group consisting of a sodium, potassium, ammonium and trialkylsilyl group; when X is hydrogen the compound of formula 3 is reacted with hexamethyldisilazane in the presence of triethylamine as a hydrogen chloride binder in methylenechloride medium; isolating the compounds of formula 1 as their sodium salts by precipitation

Com. 20 pages:

Draws. 7 sheets

CLASS : 83A 1&3.

20
160242

Int. Cl. A 23 k 1/10, 1/14.

A PROCESS FOR MAKING NUTRITIVE FEEDING MATERIAL FROM VEGETABLE OR ANIMAL SCRAP.

Applicant : CLEXTAL OF 1 PLACE DE LA COUPPLE, 92400 COURBEVOIE, FRANCE, A FRENCH COMPANY.

Inventor : ALAIN BRISSET.

Application No. 442/Mas/83 filed June 15, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 claims

A process for the preparation of nutritive feeding material from vegetable for scrap containing a considerable proportion of water said process comprising : introducing at the upstream end of an extrusion machine the vegetable or animal scrap

containing 50% to 90% by weight of water, which has not been previously dried, adding the required quantity of dry pulverulent material consisting substantially of cereal flour so as to restore the overall degree of humidity of the mixture to 5 to 50% in the upstream portion of the extrusion machine; producing within the extrusion machine a homogenous mixture of moist product with the pulverulent material and the simultaneous cooking of the vegetable or animal scrap and the cereal flour in the water introduced by the said vegetable or animal scrap;

extruding the cooked mixture at the downstream end of the extrusion machine.

Compl. Specn. 13 pages Dig. 1 sheet.

CLASS 32-F.2(b)

INT. CL. C 07 d 31/24, 51/00; 91/00

PROCESS FOR PREPARING NITROGEN-CONTAINING HETEROCYCLIC COMPOUND

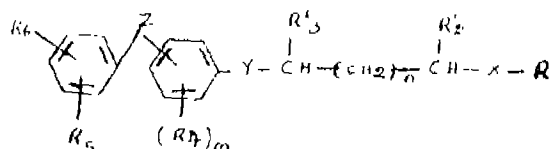
Applicant-SUMITOMO CHEMICAL COMPANY, LIMITED, OF NO 15, KITAHAMA, 6-CHOME, HIGASHI-KU OSAKA SHI, OSAKA-PU, JAPAN, A JAPANESE COMPANY.

Inventors : (a) SUMIO NISHIDA

(2) NORITADA MATSUO

(3) MAKOTO HATAKOSHI

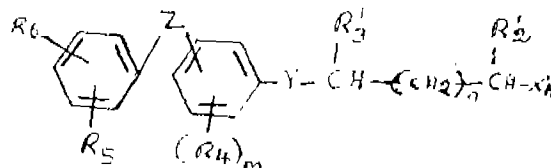
(4) HIROSI KISIDA



Formula—I



Formula—III



Formula—IV

Application No 481/Mas/85 filed June 26, 1985.

Dvisional to 289/MAS/84 dated 24-4-84.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

25 Claims

A process for preparing a nitrogen-containing heterocyclic compound of the formula I shown in the accompanying drawings, wherein.

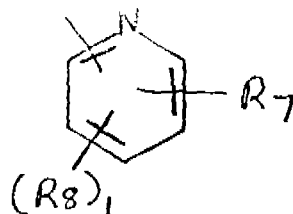


Fig.—1

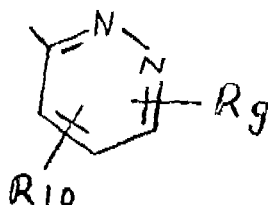


Fig.—2

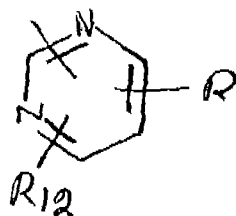


Fig.—3

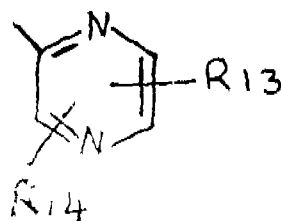


Fig.—4

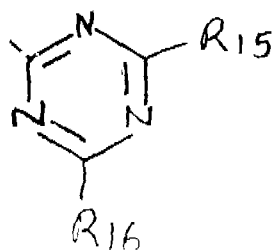


Fig.—5



Fig.—6

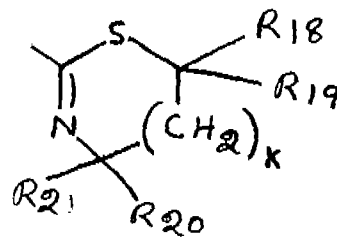


Fig.—7

R_1 is a radical selected from the group consisting of either one of the groups shown in Figs 1-7 of the drawings in which $R_7, R_8, R_9, R_{10}, R_{11}, R_{12}, R_{13}, R_{14}, R_{15}, R_{16}$ and R_{17} are, the same or different, each a hydrogen atom a halogen atom, a C_1-C_4 alkyl group, a C_1-C_4 alkoxy group, a $C-C$ alkylthio group, a trifluoromethyl group or nitro group, R_{18}, R_{19}, R_{20} and R_{21} are, the same or different, each a hydrogen atom or a methyl group, k is an integer of 0 to 1 and l is an integer of 0 to 3;

R_2 and R_3 are, the same or different, each a hydrogen atom or a methyl group;

R_4 is a halogen atom or a methyl group;

R_5 and R_6 are, the same or different, each a hydrogen atom, a halogen atom a C_1-C_4 alkyl group, a C_1-C_4 alkoxy group a C_1-C_4 haloalkyl group or a C_1-C_4 haloalkoxy group;

X, Y and Z are, the same or different, each an oxygen atom, a sulfur atom or Y and Z are a methylene group;

m is an integer of 0 to 4; and

n is an integer of 0 to 2;

which comprises reacting a compound of the formula IV of the drawings wherein.

R, R, R, R, Y, Z, m and n are each as defined above and X' is an oxygen atom or a sulfur atom or its alkali or alkali metal salt, with a compound of formula III of the drawings.

wherein R_1 is as defined above and A_2 is a halogen atom in the presence of an acid accepting agent at a temperature of $30^\circ C$ to the boiling temperature of the reaction mixture.

(Com.—50 pages; dwgs.—13 sheets)

CLASS : 55-E.4.

162044

Int. Cl. : A 61 K 27/00.

A METHOD FOR PREPARING A DRUG COMPOSITION TO COMBAT INFECTIOUS DISEASES.

Applicant : DEUTSCHES AUSSATZIGEN-HILFSWERK E.V., OF DOMINIKANERPLATZ 4, 8700, WURZBURG, WEST GERMANY.

Inventors :

1. HELMUT SCHONENBERGER.
2. ERWIN VON ANGEREN.
3. WOLFGANG RUDOLF MEINDL.
4. GOTTHARD RUCKDESCHEL.

Application No. 479/Mas/85 filed June 26, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 claims

A method for preparing a drug composition to combat infectious diseases, especially to combat mycobacterioses, in particular tuberculosis and leprosy, said method is characterised by mixing rifampicin or a pharmacologically acceptable and addition salt thereof, and at least one halogen-substituted benzylamine of the general formula (I) shown in the accompanying drawing, wherein R is hydrogen or n-alkyl with 1 to 7 carbon atoms, and X and Y are equal or different, being hydrogen, fluorine, chlorine or bromine, X and Y, however, not being able to be hydrogen simultaneously; or a pharmacologically acceptable acid addition salt thereof in a quantity ratio of 0.004-0.62% to 99.996-99.38% with conventional pharmaceutically acceptable carriers, conventional auxiliary substance and/or conventional diluents.

Comp. Specn. 47, Drgs. 25 sheets.

CLASS : 55 A.

162045

Int. Cl. A 61 k 7/00.

A PROCESS FOR PREPARING A BIODEODORIZER.

Applicant : SEIKENKAI FOUNDATIONAL JURIDICAL PERSON, OF NO. 95, FUSHIMIDO-CHO, TONDABAYA-SHI-SHI, OSAKA, JAPAN, A JAPANESE COMPANY.

Inventors : (1) KOSEI HATA AND (2) TOSHIYUKI MARUOKA.

Application No. 548/Mas/85 filed July 16, 1985.

PRICE : Re. 0.10 (INLAND) AND 3d. or 4 cents (FOREIGN)
Patents Rules, 1972), Patent Office, Madras Branch.

5 claims

A process for preparing a biodeodorizer composition comprising mixing at least one strain selected from the group consisting of Lactobacillus deodorans, Lactobacillus clearance or a mixed strain of Lactobacillus surface and Lactobacillus nitrosus cultivated under the presence of at least one compound selected from the group consisting of odoriferous compound containing sulfur atoms, odoriferous compound containing nitrogen atoms, odoriferous compound containing carbon atoms and a sulfur containing amino acid and streptococcus faecalis having the ability to produce antibiotics when cultivated at 34 to 39°C under aerobic or anaerobic conditions in a selective medium in a ratio of the Lactobacillus to the streptococcus faecalis of 150 : 1 to 0.0 : 1.

Comp. Specn. 73 pages. Drgs. nil

CLASS : 32 F 2(b)

162046

Int. Cl. C 07 d 27/62 & 49/32

A PROCESS FOR THE PRODUCTION OF DOUBLE SULFATE OF 1-DESOXY-(5-HYDROXYTRYPTAMINO)-D-FRUCTOSE AND 1-METHYLHYDANTOIN-2-IMIDE.

Applicant : SOCIÉTÉ DES PRODUITS NESTLÉ S.A.

Inventors : 1. RAYMOND BERTHOLET & 2. PIERRE HIRSBRUNNER.

Application No. 552/Mas/1985 filed on 17th July 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

4 Claims

A process for the production of double sulfate of 1-desoxy-(5-hydroxytryptamino)-D-fructose and 1-methylhydantoin-2-imide characterised in that 1-methylhydantoin 2-imide is added to aqueous solution of 1-desoxy-(5-hydroxytryptamino)-D-fructose containing sulfuric acid at a pH of 3 in that the double sulfate of 1-desoxy-(5-hydroxytryptamino)-D-fructose and 1-methylhydantoin-2-imide is separated from the reaction medium by crystallization by concentrating the solution

and adding ethanol to the concentrated solution, wherein the aqueous solution of 1-desoxy-(5-hydroxytryptamino)-D-fructose containing sulfuric acid is prepared by adding an excess of calcium hydroxide over the 1-desoxy-(5-hydroxytryptamino)-D-fructose in the fraction mixture containing the 1-desoxy-55-hydroxytryptamino)-D-fructose in the presence of water, an insoluble addition complex is collected and treated with an acid which precipitates calcium, the calcium is eliminated in the form of an insoluble salt, the 1-desoxy-(5-hydroxytryptamino)-D-fructose in solution is collected and sulfuric acid is added to the solution.

Comp. Specn. 15 pages. Drg. 1 sheet.

CLASS : 55-EE,4.

162047

Int. Cl. A 61 k 9/00.

A PROCESS FOR THE PREPARATION OF A SUSTAINED RELEASE POLYMER COATED TABLET.

Applicant : SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.p.A., AN ITALIAN COMPANY, OF 47, VIALE SHAKESPEARE, 00144 ROME, ITALY.

Inventors : (1) PAOLO COLOMBO, (2) UBALDO CONTE (3) ALBERTO REINER.

Application No. 555/Mas/85 filed 18th July 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 claims

A process for the preparation of a sustained release polymer coated tablet which in the presence of a dissolution fluid releases a biological active principle at a substantially constant rate for an extended period of time the tablet comprising: a solid porous matrix made of a polymer insoluble and unswellable in the dissolution fluid, having dispersed in the pores thereof the biologically active principle and a substance which is soluble in the dissolution fluid with negative heat of dissolution, this matrix wrapped by a first homogenous and continuous release rate-controlling membrane made of a polymer insoluble in the dissolution fluid, this first membrane being wrapped by a second homogenous and continuous protective membrane made of a polymer soluble in the dissolution fluid, the said process comprising :

(1) mixing the active principle and the substance soluble in the dissolution fluid with negative heat of solution which is selected from the polyols, mannitol, dextrose, sorbitol and xylitol with a solution of the polymer material of the solid matrix selected from cellulose acetate, high viscosity hydroxypropylmethyl cellulose, cellulose acetate propionate, ethyl cellulose or polymethacrylate, in an organic solvent granulating to a grain size less than 420 micron, drying and adding a lubricant to the dried granulate;

(2) compressing the mixture of step (1) in a tablet press according to known techniques at a pressure of 2500-4000 kg/cm² by means of recessed punches having diameter of 12 mm, thus obtaining the solid matrix;

(3) applying the release rate-controlling membrane onto the reservoir by contacting the reservoir of step (2) with a phase containing the first film-forming polymer which is a vinyl polymer, cellulose cellulose acetate, hydroxy-propylmethyl cellulose, cellulose acetate propionate, ethylcellulose, an acrylic polymer; and

(4) applying the protective membrane onto the reservoir coated with the release rate-controlling membrane, by contacting the product of step (3) with a phase containing the second film forming polymer which is a low viscosity hydroxypropyl-methyl cellulose.

Comp. Specn. 42 pages: Drg. 1 sheet.

CLASS : 32F 2 (b)

INT: CL. C 07 d 27/56

A PROCESS FOR THE PRODUCTION OF 2-(3,5-DIALKYL-HYDROXYPHENYL) INDOLE DERIVATIVES

Applicant : TEIKOKU HORMONE MFG. COMPANY LIMITED.

a Japanese Body Corporate, of 5-1,
2-chome, Akasaka, Minato-ku,
Tokyo, Japan.Inventor : Yasushi Suzuki, Yukio Hasegawa, Michitaka Sato,
Morinobu Saito, Norio Yamamoto, Katsuhiko Miyasaka,

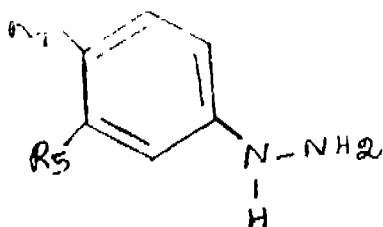
Takashi Mikami, Katsuhiko Miyasawa

Application No. 677/MAS/85 filed 29 AUG 1985

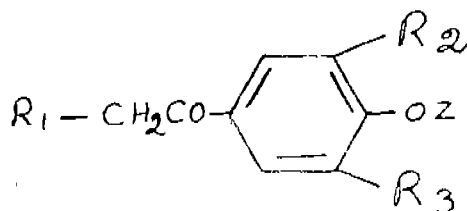
Appropriate Office for opposition proceedings (Rule 4 Patents rules, 1972) Patent Office Branch, Madras.

2 Claims.

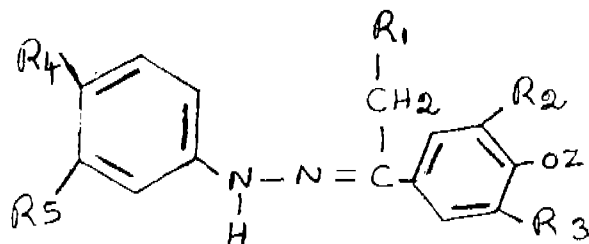
A process for producing 2- (3,5-dialkyl-4-hydroxyphenyl) indole derivatives represented by the formula (Va) of the accompanying drawings,



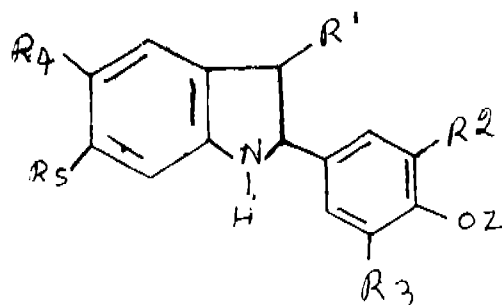
Formula-II a



Formula-III



Formula-IVa



Formula V a

wherein R_1 represent a lower alkyl group having 1 to 4 carbon atoms; each of R_2 and R_3 represents an alkyl group having 1 to 3 carbon atoms; R_4 represents a hydrogen atom, a lower alkyl group having 1 to 4 carbon atoms, a lower alkoxy group having 1 to 4 carbon atoms or an amino group; R_5 represents a hydrogen atom or a lower alkoxy group having 1 to 4 carbon atoms; and Z represents a hydrogen atom, a lower alkyl group having 1 to 4 carbon atoms or a benzyl group.

or a salt thereof, which comprises reacting a phenylhydrazine compound represented by the formula (IIa)

wherein R_4 and R_5 are the same as defined above or its salt with a compound represented by the formula (III)

wherein R_1 , R_2 , R_3 and Z are the same as defined above R_3 , in a solvent at room temperature to the refluxing temperature of the reaction mixture, and treating the resulting compound represented by the formula (IVa)

wherein R_1 , R_2 , R_3 , R_4 , R_5 , and Z are the same as defined above, with an acidic alcohol solvent at room temperature to the refluxing temperature of the reaction mixture.

CLASS : 55E4.

162049

Int. Cl. A61k 17/06, 27/00

A PROCESS FOR PREPARING A NOVEL CONTRACEPTIVE SYNERGISTIC COMPOSITION.

Applicant : Societe d'Etudes Scientifiques et Industrielles de l'ile de France, of 46 Boulevard de Latour-Maubourg, 75340 Paris Codex 07, France, organised under the laws of France.

Inventors : (1) Peter William Hewis and (2) Alan Swain Mcneilly.

Application No. 739/MAS/85 filed September 23, 1985.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims.

A process for preparing a novel contraceptive composition with synergistic effect which consists in mixing 1 to 5% by weight of a hyperprolactinaemic benzamide, such as herein described, with 0.0001 to 0.05% by weight of a progestogen, such as herein described and optionally with 0.0002 to 0.0006% by weight of an oestrogen such as herein described and then adding pharmacologically acceptable excipients.

Complete Specification 11 pages. Drg. Sheet nil.

CLASS : 55A & 32C.

162050

Int. Cl. : C12d 9/16.

A PROCESS FOR THE PREPARATION OF A BACTERIOLYTIC ENZYME PRODUCT.

Applicant : HOECHST AKTIENGESellschaft, a corporation organized under the laws of the Federal Republic of Germany, of D-6230 Frankfurt am Main 80, Federal Republic of Germany.

Inventor : Gerhard Wohner, Martmut Veelskow, Paul Prave, Erich Luck, Gert-Wolfhard von Rymon Lipinski.

Application No. 877/MAS/85 filed November 1, 1985.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Madras Branch.

4 Claims.

A process for the preparation of a bacteriolytic enzyme product such as herein described which comprises aerobic cultivation of streptomyces coelicolor DSM 3030 on or in a culture medium until it releases the bacteriolytic enzyme product into the medium and if desired the bacteriolytic enzyme product is recovered by known means.

Complete Specification 15 pages and Drawings Nil.

CLASS : 34-A.

162051

Int. Cl. : C08g 31/00.

A BIAXIALLY DRAWN POLYESTER FILM, PROCESS FOR ITS MANUFACTURE AND ITS USE IN MAGNETIC TAPES AND CAPACITORS.

Applicant : RHONE-POULENC FILMS, a French body corporate of 25, Quai Paul Doumer, 92408 Courbevoie, France.

Inventor : Jacques BARBEY, Marie-Odile JACOUÏER

Application No. 505/MAS/84 filed 12 July 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

12 Claims.

A biaxially drawn polyester film containing, as filler, by weight, based on the weight of the polyester, (a) from 0.01% to 1% of kaolinite having a mean particle size not greater than 1 micron, and (b) from 0.01% to 1% of titanium oxide having a mean particle size not greater than 1 micron.

Complete Specification 19 pages and drawings Nil.

CLASS : 195-A+C.

162052

Int. Cl. : F16k 1/14.

A BALL VALVE ASSEMBLY FOR PIPELINE.

Applicant : FORSAC VALVES LIMITED, OF 25 CHARLOTTE SQUARE EDINBURGH, EH2 4EZ. UNITED KINGDOM, A BRITISH COMPANY.

Inventor : JOHN JAMES McCAFFERTY.

Application No. 531/Mas/84 filed July 21, 1984.

Convention dated 22nd July 1983 No. 8319853 (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims

A ball valve assembly for a pipeline comprising :

(a) a ball member having a first through passage;

(b) a core assembly within which the ball member is rotatably mounted, the core assembly having a second through passage arranged so that rotation of the ball member is effectable to move the first and second through passages selectively into and out of communication; the core assembly having external surface portions which define portions of a cone penetrated by the second through passage, and a downwardly-facing abutment surface; and

(c) a body portion having a third through passage, the body portion being adapted for connection in a pipeline with its through passage in line with the flow passage of the pipeline; the body portion comprising side and bottom wall portions defining a socket for releasably receiving the core assembly, said socket having the form of a cup, being closed at the bottom by the bottom wall portion and open at the top, said top opening being closed in use by a bonnet means attached to the core assembly, there being means for releasably clamping the bonnet means to the body portion; at least part of the side wall portions defining the frustum of a cone complementary to the conical portions of the core assembly and penetrated by the third through passage; there being an upwardly facing abutment surface in the socket for cooperating with the abutment surface of the core assembly;

and wherein the core assembly comprises a housing for the ball member which housing provides bearing means in which the ball member is journaled; and wherein first seal means are provided for sealing between the ball member and the core assembly, comprising a respective annular assembly at either side of the core assembly, each annular assembly surrounding a respective opening of the second through passage and also surrounding a respective opening of the first through passage when this is in communication with the second through passage; each annular assembly having seal means for sealing to both the ball member and the core assembly, and resilient means for urging said sealing to the ball member; the core assembly having respective annular seal housing cavities in which the first seal means are housed; the core assembly further including second seal means for sealing between the core assembly and the body portion, said second seal means comprising at either axial side of the core assembly a respective sealing ring surrounding the second and third through passage; the core assembly being provided with respective sealing ring housing means for retaining the rings to it; whereby a modular unit comprising said bonnet means, said ball member and said core assembly and which provides said bearing means for the ball member and said first and second seal means is insertable into the socket of the body portion to an extent predetermined by said abutment surfaces of the core assembly and the socket, and subsequently removable therefrom as a single unit.

Complete Specn. 24 pages:

Drawing 5 sheets.

CLASS : 172 D2 & 172D3.

162053

Int. Cl. : D01h 15/00.

TWO-FOR-ONE TWISTING SPINDLE.

Applicant : PALITEX PROJECT-COMPANY GmbH, of Weesoweg 8, 4150 Krefeld, West Germany. a German Company.

Inventor : GUSTAV FRANZEN.

Application No. 544/Mas/84 filed July 26, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch

7 Claims.

A two-for-one twisting spindle comprising a compressed air operated device within a hollow spindle shaft influencing the thread passage, said device including an element which is movable into the path of travel of the thread, and a counter element in the form of a shoulder opposing said movable element and cooperating therewith, characterized in that said element which is movable into the path of travel of the thread, is a stud (19) coaxially inserted into the hollow spindle shaft (11) from below.

Complete specification 9 pages. Drg. 1 sheet.

CLASS : 119B.

162054

Int. Cl. : D03d 11/02.

"A DEVICE FOR USE WITH A LOOM FOR KNOTTING RUGS AND CARPETS".

Applicant & Inventor : MANYA SUDHAKARA MALLYA, KOTEKANT ROAD, KASARGOD, ANNANORE DISTRICT, KERALA, INDIA, INDIAN NATIONAL.

Application for Patent No. 645/Mas/84 filed on 25th August, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A device for use with a loom for knotting rugs and carpets, comprising a flexible endless belt for every pair of warp threads of the loom, the first portion of which passes around at least one roller and the second portion of which passes around a plurality of supports having curvilinear profiles, while the second portion of the belt is intertwined with the said pair of warp threads; a woollen yarn holder disposed near each belt from which one end of the yarn passes

through a hole in the belt and is anchored, whereby as the first portion of the belt is drawn to ride over the roller and the supports, the yarn is pulled along with the second portion of the belt to intertwiningly weave itself through the warp threads to form into the desired knot, the curvilinear profiles of the supports serving to retain the belt thereon while preventing the yarn from entangling thereat.

Compl. Specification 8 pages

Drg. 1 Sheet

CLASS : 69-A.

162055

Int. Cl. : H01h 73/00.

COMPRESSED—GAS BREAKER.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, of CH-5401 Baden, Switzerland, a Swiss Company.

Inventor : HEINZ-PETER KIRCHESCH, WILHELM NURCK, WOLFGANG WIDL.

Application No. 689/Mas/84 filed 11 September, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims.

A compressed-gas breaker having two coaxial contact members which are movable with respect to each other along one axis and are in each case provided with a burning contact (5, 7) a coil (14) through which the breaking current flows and which is electrically conductively connected to an arcing ring (11), and a heating volume (13) which surrounds the burning contacts (5, 7) and is provided for storing heated quenching gas and which is joined to an arc volume which is located between the two contact members during a breaking process by means of an annular gap located between said heating and said arc volume, in which between said heating and said arc volume a gas guiding device is provided which has at least three ducts (19) which are arranged to be distributed azimuthally around the axis and which are delimited by guide vanes arranged at a distance from each other radially with respect to the axis and forming first sections into said at least three ducts which open essentially radially with respect to said axis in to said arc volume.

Complete Specification 11 pages and Drawings 1 sheet.

CLASS : 126D & 172F.

162056

Int. Cl. : G01b 5/08.

DEVICE FOR THE AUTOMATIC DETERMINATION OF MEAN FINENESS AND THE VARIATIONS OF THE FINENESS ON AT LEAST ONE PACKAGE OF TEXTILE AND INDUSTRIAL THREADS.

Applicant : ZOLLWEGER USTER LTD., OF CH-8610 USTER, SWITZERLAND A SWISS COMPANY.

Inventors : (1) DIETER HOFFMAN AND (2) RICHARD FURTOR.

Application No. 730/Mas/84 filed September 25, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims.

Device for the automatic determination of mean fineness and the variations of the fineness on at least one package of textile and industrial threads consisting of yarns, rovings or slivers, characterised by an evenness tester (1); means for supplying test material (14) derived from at least one package (6) of textile and industrial threads to said evenness tester; an evaluation unit (10) connected to receive an output signal from said evenness tester for the determination of variations of irregularity and fineness in said evaluation unit; said evenness tester including a draw-off-device for advancing a selected length of the test material through the evenness tester; and a further measuring system interacting with said evenness tester and connected to said evaluation unit for the determination of mean fineness of said threads

passing the ough said evenness tester, including an electronic weight scale (9) having a scale pan positioned to receive test material directly from said draw-off device of said evenness tester and providing an output signal to said evaluation unit indicative of the weight of said test material.

Complete specification 8 pages. Drg. 1 sheet.

CLASS : 35-C, F.

162057

Int. Cl. C04b 7/14

A HIGH SULPHATE SLAG CEMENT AND METHOD OF MANUFACTURE.

Applicant & Inventor : YOSHITAKA MASUDA, OF 54, KORO, KODERA-CHO, KANZSKI-GUN, HYOGO-PREFECTURE, JAPAN, OF JAPANESE NATIONALITY.

Application No. 743/Mas/84 filed September 28, 1984.

Patent of Addition to 153896 filed February 16, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims. No drawing.

A high sulphate slag cement with a Blaine specific surface ratio of 4000 to 5,500 cm²/g consisting of:—

- (a) 80-85% water granulated blast furnace slag by weight which in turn contains 22-50% CaO, 14-28% Al₂O₃, 30-35% SiO₂ and 5-8% MgO;
- (b) 13-17% CaSO₄ calculated as anhydrite;
- (c) 1.5-10% Portland cement;
- (d) 0.1-0.5% of at least one compound selected from the group of organic carboxylic acid or acid salts consisting of tartaric acid, sodium tartrate, potassium tartrate, citric acid, sodium citrate, potassium citrate;
- (e) 0.03-0.6% at least one water-soluble higher molecular weight compound selected from the group consisting of methyl-cellulose, sodium stearate and sodium lauryl benzenesulfonate; and
- (f) 0.6-2% sodium sulfate.

Com.—10 pages.

CLASS : 139G.

162058

Int. Cl. : C01b 17/00.

METHOD FOR PREPARING ELEMENTAL SULFUR AS A COHERENT DIFFUSION RESISTANT GAS FOR REACTION WITH SOLID REACTANTS.

Applicant : NERICHEM COMPANY, A CORPORATION EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF 4800 TEXAS COMMERCE TOWER, HOUSTON, TEXAS 77002, U.S.A.

Inventor : HORACE EARL WILLIS, JR.

Application No. 757/Mas/84 filed October 8, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A method for preparing elemental sulfur as a coherent diffusion resistant gas for reaction with solid reactants such as calcium sulfate and gypsum comprising the steps of: heating elemental sulfur to the boiling point of sulfur in an enclosed vessel which communicates with a delivery conduit to continuously supply sulfur vapor to said conduit; super heating said sulfur vapor during transit through said delivery conduit to a temperature of at least 127°F; and debouching said super heated sulfur vapor from said conduit into a reaction zone to which solid reactant is continuously supplied, whereby said super heated sulfur vapor debouches in the form of a coherent diffusion resistant gas which flows into concentrated contact with said solid reactant.

Complete specification 17 pages. Drg. 1 sheet.

CLASS-25-B.

162059

Int. Cl.: B28b 3/02.

APPARATUS FOR MANUFACTURING BUILDING ELEMENTS.

Applicant & Inventor: RICHARD IAN MILLS, OF 5, RIVER POLE, BARWON HEADS, VICTORIA, AUSTRALIA 3227, AN AUSTRALIAN NATIONAL.

Application No. 807/Mas/84 filed October 29, 1984.

Convention Application No. 27719/84 dated 4-5-84 (Australia).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

10 Claims.

Apparatus for manufacturing building elements comprising a mould with a mould cavity therein and an opening in a wall of said mould which communicates with said mould cavity, delivery means for delivering a charge of base material from which the building element is formed to said mould cavity through said opening, press means including a ram member operable to cause compression of the charge base material within said mould cavity said ram member being arranged so that it can adopt a retracted position in which position said delivery means can deliver the charge or a subsequent charge of base material to said mould cavity, and discharge means for discharging the compressed material from said mould cavity.

(Com. 9 pages .Draws. 4 sheets.

CLASS: 32 F2(b)

162060

INT. CL.: C 07d 99/02

A PROCESS FOR THE PREPARATION OF 1, 3-OXAZOLIDINE-2-ONE DERIVATIVE.

Applicant: NIPPON CHEMIPHAR CO. LTD., OF 2-2-3, IWAMOTO-CHO, CHIYODA-KU, TOKYO, JAPAN. A JAPANESE COMPANY.

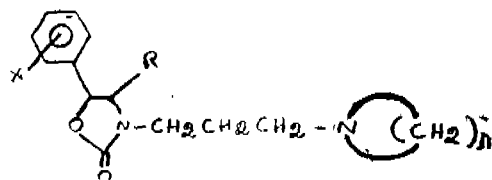
Inventors: (1) MITSUO MASAKI, (2) MASARU SATOH, (3) KOICHI HASHIMOTO, (4) HARUHIKO SHINIDZAKI, (5) NAOYA MORITOH AND (6) TOSHIRO KAMISHIRO.

Application No. 382/MAS/85 filed 23 May, 1985.

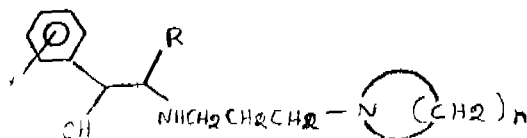
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

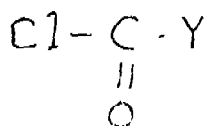
FORMULA I



FORMULA II



FORMULA III



A process for preparing a 1, 3-oxazolidine-2-one derivative represented by the following formula (I) of the accompanying drawings, wherein R is straight or branched alkyl group having 3 to 8 carbon atoms, X is a hydrogen or halogen atom or a lower alkyl or lower alkoxy group having 1 to 3 carbon atoms and n is an integer of 4 to 6, or an acid addition salt thereof, which comprises;

reacting a compound represented by the formula (II) of the accompanying drawings, wherein R, X and n have the same meaning as defined above, with a dialkyl carbonate or a compound represented by the formula (III) of the accompanying drawings, wherein Y is a chlorine atom or a trichloromethoxy group, at a temperature of between -10°C and room temperature for 0.5-3 hours in the presence of a basic agent selected from the group consisting of alkali metal hydroxide, alkali metal carbonate and sodium alkoxide, and in the presence of a mixture of water and an inert organic solvent selected from either, chloroform and toluene; and

optionally converting the reaction product into an acid addition salt thereof.

Complete specification 48 pages

Drg. 3 sheets

CLASS: 119-C, D & F3, 6.

162061

Int. Cl. D01d 47/00, 47/28, 47/36.

A SYSTEM FOR DEVICE FOR CONVEYING A WEFT THREAD THROUGH THE WEAVING SHED IN A SHUTTLELESS WEAVING MACHINE AND SHUTTLELESS WEAVING MACHINE COMPRISING SAID SYSTEM OR DEVICE.

Applicant: RUTTE-STRAKE B. V. OF DR. HUBB VAN DOORNEWEG 26, 5753 PM DEURNE, THE NETHERLANDS.

Inventor: 1. PETRUS GERARDUS IOHANNES MANDERS.

Application No. 1172/Cal/83 filed September 24, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A system or device for conveying a weft thread through the weaving shed in a shuttleless weaving machine through the intermediary of a weft conveying system having a plurality of nozzles which are supplied with a flowing conveying fluid in which means for measuring the conveying velocity of each weft thread, means for giving a signal representative for the measured conveying velocity and supplying said signal to a control system in which the signal is converted into a control signal which influences the components of the weft conveying system which determine the velocity of the weft yarn, characterized in that means are provided for measuring the velocity each time in the initial phase of the weft and an auxiliary power source for the weft conveying system which is switched on earlier or later, dependent on the measured value, or the main power source respectively is switched off earlier or later, the arrangement being such that the relative weft thread piece will complete the weft path at a predetermined point of time.

Compl. Specn. 9 pages.

Drg. 3 sheets.

CLASS: 70-A; 70-C1

162062

Int. Cl. C 22d 1/02, 1/06.

AN ELECTROLYTIC PROCESS OF AN AQUEOUS ALKALI METAL HALIDE SOLUTION FOR THE PRODUCTION OF HIGH QUALITY CAUSTIC ALKALI AND ELECTROLYTIC CELL USED THEREFOR.

Applicant: KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA, OF 2-4, 3-CHOME, NAKANOSHIMA, CITTA-KU, OSAKA-SHI, JAPAN.

Inventors : 1. YASUSHI SAMEJIMA, 2. MINORU SHIGA, 3. TOSHUJI KANO, 4. KIYOSHI YAMADA, 5. HARUKO NISHIO.

Application No. 1496/Cal/83 filed December 6, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

The electrolytic process of an aqueous alkali metal halide solution for the production of high quality caustic alkali using a horizontal electrolytic cell partitioned by a cation exchange membrane positioned substantially horizontal into an upper anode compartment and a lower cathode compartment, said cathode compartment having therein gas-liquid impermeable cathode plate, the improvement which comprises carrying out electrolysis while maintaining initial linear velocity of catholyte liquor in the cathode compartment not less than 8 cm/sec and gas content of the catholyte liquor in the vicinity of a cathode liquor outlet not more than 0.6 and pressing the membrane against anode side while conducting electrolysis.

Compl. Specn. 30 pages.

Drg. 7 sheets.

CLASS : 32-E.

162063

Int. Cl. C 08f 27/00, 27/03.

A PROCESS FOR CHLORINATING A MASS OF FREELY FLOWABLE SOLID, DISCRETE, POLY (VINYL CHLORIDE) MACROGRANULES AND PARTICLES OF POLYETHYLENE.

Applicant : THE B. F. GOODRICH COMPANY, 277 PARK AVENUE, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : RICHARD CHRIST PARKER.

Application No. 1533/Cal/83 filed December 16, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for chlorinating a mass of freely flowable solid, discrete, poly (vinyl chloride) macrogranules additionally intermingled with minor amount of solid, discrete particles of polyethylene comprising, contacting said mass with from 1 part to 3 parts by weight of liquid chlorine per part by weight of said mass, at a temperature in the range from about -50°C to 50°C absorbing said liquid chlorine in said poly (vinyl chloride) macrogranules to produce liquid chlorine containing PVC macrogranules, and absorbing said liquid chlorine on said polyethylene to produce liquid chlorine coated PE particles; agitating said liquid chlorine containing PVC macrogranules and said liquid chlorine coated PE particles to produce and maintain said mass of poly (vinyl chloride) macrogranules and polyethylene particles as a free flowing mass; irradiating said free flowing mass with actinic radiation of any source for a period of 4 to 9 hours (a) with said poly (vinyl chloride) which is thus converted to chlorinated poly (vinyl chloride) by reaction of said liquid chlorine in a solid medium, and (b) with said polyethylene which is thus converted to chlorinated polyethylene to obtain the desired degree of chlorination in the mass; removing hydrogen chloride from said reaction zone; and, recovering a free flowing mass of macrogranules of said chlorinated poly (vinyl chloride) to which a cluster of discrete particles of said chlorinated polyethylene are bonded.

Compl. Specn. 31 pages. Drg. 3 sheets.

CLASS : 32-F₁.

162064

Int. Cl. C07c 143/78.

PROCESS FOR THE MANUFACTURE OF 4-CHLORO BENZYNE SULFONAMIDES.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

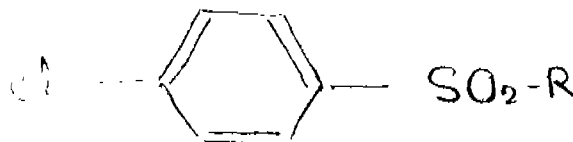
Inventor : THEODOR PAPENFUHS.

Application No. 41/Cal/84 filed January 20, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for the preparation of 4-chloro-benzene-sulfonamides of formula (1) of the accompanying drawings



Formula (1)

wherein

R represents a hydrazino group, a primary amino, a primary or secondary alkylamino, an aralkylamino or a phenylamino group, the phenyl group being optionally substituted by chlorine or bromine atoms, alkyl, alkoxy or phenoxy groups which comprises slowly reacting 1 mol of chlorobenzene with a mixture of about 1 mol of chlorosulfonic acid and about 1 mol of thionyl chloride at a temperature of 20 to 90°C, provided that the reaction mixture always remains liquid, optionally in the presence of a catalyst commonly used for the formation of sulfonic acid chloride by means of thionyl chloride, and subsequently reaction 4-chlorobenzene-sulfochloride thus obtained as a melt, preferably directly or after its separation from 4, 4'-dichloro-diphenylsulfone obtained as a by-product with an aqueous solution, suspension or emulsion of ammonia, hydrazine, a primary or secondary aliphatic amine or an aromatic amine of the benzene series e.g. aniline which may be substituted on the benzene nucleus, such as chlorine, bromine, alkyl, alkoxy or phenoxy group at a temperature of 0°C to 100°C to give the corresponding 4-chloro-benzenesulfonamides.

Compl. Specn. 16 pages. Drg. 1 sheet.

CLASS : 129-M.

162065.

Int. Cl. : B21d 28/00; B23d 31/00.

AN HYDRAULICALLY OPERATED UNIVERSAL-TYPE PUNCHING-CUM-SHEARING MACHINE.

Applicant : OMERA S.P.A., OF 36015 SCHIO (VICENZA)-VIA DE PINEDO 8 (I), ITALY.

Inventor : I. FALVIO CARBONIERO.

Application No. 220/Cal/84 filed April 3, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An hydraulically operated universal-type punching-cum-shearing machine characterised by having a single hydraulic cylinder the stem of the piston whereof is connected at its free end with a first pivoting block, while the body of the cylinder is connected at its end, other than the piston end, with a second pivoting block, means to keep either of the said first and second blocks inoperative to permit one of the said blocks to be pivoted alternatively, as desired, by the piston or the body of the hydraulic cylinder, said first and second blocks having arrangement to be provided/fitted with requisite tool(s)/blade(s) for performing the desired punching, slotting, sheet/plate-cutting and/or shearing operation(s).

Compl. Specn. 12 pages. Drg. 2 sheets.

CLASS : 128-H & G

162066

6 Claims

Int. Cl. : A61h 23/00.

ELECTRO MECHANICAL VIBRATOR.

Applicants & Inventors : SUDHIR RAGHUBIR, OF 704 MAYFAIR GARDENS, 4 MAYFAIR ROAD, CALCUTTA-700019, WEST BENGAL, INDIA AND ASHOK SUNDA OF 57C, BELTOLIA ROAD, CALCUTTA-700025, WEST BENGAL, INDIA.

Application No. 252/Cal/84 filed April 19, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

An electro-mechanical vibrator for use in physical therapy, comprising a base plate of a rigid stiff material, a fractional horse power motor having a weight arranged eccentrically of its shaft or spindle, mounted on the base plate with the axis of the said shaft or spindle lying on the plane of the base plate and means for supplying electric current to the said motor.

Compl. Specn. 8 pages. Drg. 1 sheet.

CLASS : 32-F₂₉ + 55-D₂.

162067

Int. Cl. : C07c 103/00; A01n 47/12.

A PROCESS FOR THE PREPARATION OF INSECTICIDALLY ACTIVE 2-ISOPROPOXYPHENYL METHYL CARBAMATE.

Applicant : UNION CARBIDE INDIA LIMITED OF 1, MIDDLETON STREET, CALCUTTA, INDIA.

Inventors : 1. KAILASH CHANDRA SURANA, 2. KANJIRAMPARA SIVASANKARAN.

Application No. 260/Cal/84 filed April 21, 1984.

Complete Specification left on 21st May, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A process for the preparation of insecticidally active 2-isopropoxyphenyl methyl carbamate, which comprises reacting 2-isopropoxyphenyl with methyl isocyanate in the presence of a suitable tertiary amine catalyst at a reaction temperature of 80-90°C.

Provisional Specn. 7 pages. Drg. 1 sheet.

Compl. Specn. 9 pages. Drg. Nil.

CLASS : 136-A & F

162068

Int. Cl. : B29d 12/00.

METHOD OF FORMING INTERNAL GROOVES IN MOULDED OR CAST ARTICLES.

Applicant & Inventor : RAM KISHANDAS DAMANI, OF 41B, BRAJADULAL STREET, CALCUTTA-700006, WEST BENGAL, INDIA.

Application No. 303/Cal/84 filed May 5, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3—507GI/87

A method of forming an internal groove in a moulded or cast article comprising placing in a mould a disposable member of a material which can withstand the temperature of the material used for moulding or casting and having a shape corresponding to the figure bounded by the desired groove, moulding or casting the article and removing the said disposable member after the moulded or cast article has cooled down.

Compl. Specn. 8 pages. Drg. 1 sheet.

CLASS : 35-C.

162069

Int. Cl. : E04c 1/00.

METHOD FOR MANUFACTURING LIGHT-WEIGHT SHAPED CONCRETE ARTICLES.

Applicant : INTERNATIONAL ISOBOUW SALES OFFICE N.V., OF PIETERMAAI 16A, WILLEMSTAD, CURACAO, THE NETHERLANDS ANTILLES.

Inventors : 1. YPE BATSTRA, 2. EDWARD EFRAIN JONCKHEER.

Application No. 388/Cal/84 filed June 8, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method for manufacturing light-weight shaped concrete articles comprising the steps of blending a mass of loose substantially sphere-shaped particles of a foamed plastic material with a binder to form a sticky mass, then adding a first portion of dry cement and blending again until the mass consists mainly of loose spheres coated with a film of dry cement, and subjecting the cement coated spheres to a second mixing operation with a second portion of cement while metering in a quantity of water, and the pressing the mixture thus obtained into the desired shape, wherein the binder consists of a mixture of a phenol-free solution of 75-85% by weight of coal-tar pitch having a ring and ball softening point of 50°-65°C. in 15-25% by weight of coal-tar oil having a distillation range of 150°-275°C and 20-35% by of an epoxy resin.

Compl. Specn. 11 pages. Drg. 6 sheets.

CLASS : 32-E + 40-B.

162070

Int. Cl. : B01j 11/00; C08f 3/00, 15/00.

SOLUTION PROCESS FOR THE PREPARATION OF HIGH MOLECULAR WEIGHT POLYMERS OF ALPHA-OLEFINS.

Applicant : DU PONT CANADA INC. OF BOX 2200 STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA, L5M 2H3.

Inventors : 1. MICHAEL ANDREW HAMILTON, 2. DAVID ALAN HARBOURNE, 3. CHARLES GEORGE RUSSELL, 4. VAELAV GEORGE ZBORIL, 5. ROLF MUIHAUPT.

Application No. 423/Cal/84 filed June 18, 1984.

Convention dated 5th July, 1983 (83/018206) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A solution process for the preparation of high molecular weight polymers of α -olefins selected from the group consisting of homopolymers of ethylene and copolymers of ethylene and C3-C12 α -olefins, said process comprising feeding monomer selected from the group consisting of ethylene and mixtures of ethylene and at least one C3-C12 α -olefin, a coordination catalyst and inert hydrocarbon solvent to a reactor, polymerizing said monomer at a temperature in the range of 105°-320°C and recovering the polymer so obtained by methods such as herein described, said coordination catalyst having been obtained by combining a first component with a second component, said first component being prepared from organoaluminum compound, titanium tetrahalide and vanadium oxytrihalide, by admixing a solution of the organoaluminum compound in inert hydrocarbon solvent with a solution of titanium tetrahalide in inert hydrocarbon solvent at a temperature of less than 30°C and heating the resultant admixture to a temperature of 150°-300°C for a period of from 5 seconds to 60 minutes, said vanadium oxytrihalide optionally being admixed with the solution of titanium tetrahalide or with the admixture after said heating, said organoaluminum compound being of the formula AlR_nX_{3-n} where R is alkyl, cyclo-alkyl, aryl or alkyl-substituted aryl and has 1-20 carbon atoms; $n=1, 1.5, 2$ or 3 and x is halogen, said organoaluminum compound being admixed with the titanium and vanadium compounds so that the atomic ratio of aluminium in the first component to titanium plus vanadium is in the range of 0.2-2.0 and the second component is a solution of an alkylsiloxalane in inert hydrocarbon solvent.

Compl. Specn. 25 pages. Drg. Nil.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Chatterjee Filter Industries to the grant of a Patent application No. 160937 made by Sri Biren Das Gupta.

(2)

An opposition has been entered by Mechelonic Welders Private Limited to the grant of a Patent on Application No. 152038 made by Paul Opprecht as notified in the Gazette of India, Part-III, Section 2 dated 26th May, 1984 has been dismissed the opposition and order that a Patent to be sealed.

(3)

An Opposition has been entered by M/s. Harbans Lal Malhotra & Sons to grant of a patent on application No. 160909 (577/Del/84) dated 16th July, 1984 made by M/s. The Gillete Company.

(4)

An Opposition has been entered by M/s. Harbans Lal Malhotra & Sons to grant of a patent on application No. 160884 (761/Del/83) dated 15-08-87 made by The Gillete Company.

PATENTS SEALED

155985 156365 158509 158760 158799 158809 158903 158932
159392 159405 159406 159408 159409 159410 159411 159412
159413 159414 159419 159420 159426 159431 159432 159438
159439 159440 159441 159442 159443 159444 159445 159446
159447 159448 159449 159450 159451 159453 159454 159461
159483 159490 159491 159493 159494 159495.

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that Bhabha Atomic Research Centre, of Trombay, Bombay-400 085, Maharashtra, India has made application under Section 57 of the Patents Act, 1970 for amendment of complete specification for Patent No. 158830 (48/BOM/1985) for "a reverse osmosis tubular module for use in a reverse osmosis plant." The amendments are in page No. 5 of the complete Specification. The application for amendment and the proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, 3rd Floor, Sun Mill Compound, Lower Parel (West), Bombay-400 013, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file the notice of opposition on the prescribed Form 30 alongwith full written statement within 3 months from the date of this notification at the Patent Office Branch, Bombay.

If the full written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice of opposition.

(2)

Notice is hereby given that Atlas Pile Control, Inc., Manufacturers, a corporation organised under the laws of the State of Louisiana, U.S.A., of Route 3, Box 512, Eunice, State of Louisiana, United States of America have made an application under Section 57 of the Patents Act, 1970 for amendment of application of their Patent application No. 160976 for "A Rig Piling Clamp Apparatus". The amendment are by way of indicating one inventor instead of two. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form 30 within three months from the date of this notification at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

COMMERCIAL WORKING OF PATENTED INVENTIONS

ELECTRICAL LIST NO- II

The following patents in the field of Electrical Engineering Industries are not being commercially worked in India as admitted by Patentees in the statements filed by them under Section 146(2) of Patents Act, 1970 in respect of Calendar Year 1986 generally on account of want of requests for licence to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name and Address of the Patentee	Title of the Invention
1	2	3	4
147556	16-2-1978	Asea Aktiebolag of S-721 83, Vasteras, Sweden.	Protective device for capacitor bank.
153807	10-3-1980	Do.	Convertor for high voltage direct current power transmission.
151147	8-1-1979	Alean Research and Development Ltd., of 1, Place Ville Marie, Montreal, Quebec, Canada.	Aluminium articles having an anodic oxide coating on their surfaces and method of making such articles.
154700	22-9-1980	Alsthom—Atlantique, of 38, Avenue Kleber, 75784, Paris Cedex, 26, France.	A current transformer for a high-tension installation.
156219	16-6-1981	Alsthom Atlantique 38 Avenue Kleber, 75784 Paris, Cedex 16, France.	An electrical shunt inductance winding for an electric power transport line.
155622	15-6-1981	Associated Taphangers Ltd., Fulbourne Road, London E17, 4EQ, U.K.	An improved on-load tap selector.
153631	4-2-1980	Ball Corporation, of 345, South High Street, Municie, State of Indiana, U.S.A.	Crossed slot antenna.
155181	16-12-1980	Chloride Silent Power Ltd., of 52, Grosvenor Garde-Gardens, London SW1W 0AU, England.	Cathode Current Collectors, methods of making such cathode current collectors.
156792	13-7-1981	CUEE Alsthom, of 13 rue Antonin Reynand, 92309, Levallois-Perret, France.	Apparatus for measuring single phase reactive power in an AC circuit.
155208	18-12-1980	Dr. Beck & Co., Ag., of 2000 Hamburg 28, Grossmannstrasse 105, Federal Republic of Germany.	Process for the production of winding wires having two insulating layers of different materials.
152994	10-8-1979	Elliott Brothers (London) Ltd., Marconi House, New Street, Chelmsford, Essex CMT 1PL, England.	Display units for head up displays.
154510	22-7-1980	Georges Albert Balique, of 29, Rue du Docteur Finlay, 73105, Paris, France.	Improvements in or relating to apparatus for recording. Control and carry detection of Cardiovascular diseases.
155297	1-11-1980	Hintex Inc, at 61, Chapel Street, Newton Massachusetts, U.S.A.	Audio signal processing system.
156054	22-5-1982	Kiran Kirti Chowhan, C/o, Shri S.D.S. Chauhan Tara, Nijumj, The Mall, Dahan-1730011 Himchal Pradesh.	A solid state electronic motor starter.
154850	24-9-1980	Lodge-Cottrell Limited, of George Street Parade, Birmingham B3 1QQ, England.	Method of assembling electroprecipitator discharge electrode and discharge electrode for the same.
147667	19-10-1976	Mobil Solar Energy, Corporation, at 16, Hickory Drive, Waltham, Massachusetts, U.S.A.	Solar Cell unit.
148031	30-5-1978	Maschinenfabrik Reinhausen Gebruder Scheubeck, GmbH & Co., Kg., of 8 Falkensteinstrasse, 84, Regensburg, Federal Republic of Germany.	A tap switch assembly for a tapped transformer.
149412	13-4-1978	Maschinenfabrik Reinhausen Gebruder Scheubeck GmbH & Co., Ktg., of 8 Falkensteinstrasse, 8400, Regensburg, Federal Republic of Germany.	Apparatus for causing stepwise switching of tap switches of a tapped transformer.
154694	15-9-1980	Pfizer Inc, 235, East 42nd Street New York, State of New York, U.S.A.	Process for the preparation of aspartic acid. N—Thiocarboxyanhydride.
150146	25-5-1978	Shell Internationale Research Maatschappij B.V. C. rel Van Bylandtlaan 30, The Hague, The Netherlands.	Photogalvanic Cell.
153592	23-1-1980	Suchi Chiou, of 5th Floor, No. 15, Lane 180, Hsueh-chang Street, Taipei Taiwan, Republic of China.	Telephone apparatus with memory stored dialing data for automatic dialing.

1	2	3	4
148272	19-6-1978	The General Electric Company Ltd., of 1, Stanhope Gate, London W1A, 11 H, England.	Improvements in or relating to moving coil electrodynamic loudspeakers.
154286	12-5-1980	The General Electric Company Limited, of 1, Stanhope Gate, London W1A 11 H, England.	Apparatus for identifying faults in electric power transmission systems.
155620	23-2-1981	The General Electric Company Ltd., of 1, Stanhope Gate, London W1A, 11 H, England.	Improvements in or relating to apparatus for fault detection.
154727	29-9-1980	The English Electric Company Limited, of 1, Stanhope Gate, London W1A, 11 H, England.	Electric fuse.
155303	20-1-1981	Thomson-CSF, of 173 B1, Haussmann, 75008, Paris, France.	A diversity Radio transmission system.
154340	23-6-1980	Union Carbide Corporation, U.S.A.	An improved monogamous cell.
148449	23-1-1979	Ahmedabad Textile Industry's Research Association, P.O. Polytechnic, Ahmedabad-380015, Gujarat.	Computer circuit to analyse humidity conditions in a hot air dryer to directly indicate deviation from optimum humidity and an instrument incorporating said circuit.
156755	22-3-1983	Mitsubishi Denki Kabushiki Kaisha, of 2-3, Marunouchi 2 Chome, Chiyoda-ky, Tokyo 100, Japan.	A system for producing a signal when the phase relation between two composite signals derived from voltage and current detected from an electric power system satisfies a pre-determined condition.
156946	12-4-1983	Do.	Distance Relay.
153127	17-11-1980	Oronzio De Nora Impianti Electrochimici S.P.A. via Bistolfi 35, 20134, Milan, Italy.	A bipolar diaphragm or membrane electrolyser.
153129	17-11-1980	Do.	Novel electrolyser having means for electrically connecting valve metal anode ribs and cathodically resistant metal cathode ribs.
154318	9-9-1980	Do.	A method of preparing a novel electrolysis cell for generating hologes and a novel electrolysis cell made thereby.
149233	5-3-1979	Peico Electronics and Electrical Ltd., Shivasagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-400018.	An improved drive system for infrequencies in a radio tuning.
151324	25-4-1980	Do.	A circuit for automatically switching off power supply to a radio or television when the turned signal goes off the air or is interrupted and a radio or television having the same.
155216	4-8-1982	The Fujikura Cable Works Ltd., 5-1, 1-chome, Kiba, Koto-ku, Tokyo, Japan.	Power cable joint structure.
150176	18-11-1980	Anil Ananthakrishna, C/o. A.K. Anantha Krishna, No. 14, Alexander Street, Richmond Town, Bangalore-560035, Karnataka.	A power propelling attractant for a vehicle.
151335	24-6-1981	Automotive Ancillary Services No. 53, Third Main Street, Gandhi Nagar, Madras-600020, Tamil Nadu.	A electric switch.
151336	29-7-1981	Automotive Ancillary Services.	An electric switch.
149716	2-8-1979	Braces India Ltd., Padi, Madras-600050, Tamil Nadu.	An electric switch for electric circuits.
154717	5-9-1981	Dr. Jose Thaikkattil University Health Centre, Calicut University P.O. 673635, Kerala State.	A holder for electric lamps.
148076	19-11-1979	Mandayem Armanji Srichaila, No. 1, 9th Cross Road, Swimming Pool Extension, Bangalore-560003, India.	A device for concealed electric wiring.

COMMERCIAL WORKING OF PATENTED INVENTIONS

CHEMICAL LIST NO III

The following patents in the field of Chemical Engineering Industries are not being commercially worked in India as admitted by Patentees in the statements filed by them under Section 146(2) of Patents Act, 1970 in respect of Calendar Year 1986 generally on account of want of requests for licence to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name and address of the Patentee	Title of the invention
1	2	3	4
138245	18-3-1974	Ahmedabad Textile Industries Research Association, P. O. Polytechnic, Ahmedabad-380015, Gujarat.	An improved process for resin finishing of textiles.
146879	5-11-1976	Do.	Process of obtaining dyeing or printing effects on fabrics.
149098	17-3-1979	Do.	An improved process for imparting flame retardancy to cellulosic fibres.
155935	22-9-1982	Arbed S.A. Avenue de La Liberté, L-2930, Luxembourg.	A process and device for refining a metal bath containing substantial quantities of solid cooling matter in a particular scrap metal.
153031	16-5-1981	Cancer Research Institute, Tata Memorial Centre, Parel, Bombay-400012, Maharashtra, India.	Process for preparation of anti-leprosy vaccine.
146760	4-8-1978	Dharangadhra Chemical Works Ltd., Nirmal 3rd Fl., 241, Backbay Reclamation, Nariman Point, Bombay-20.	Improvements in or relating to the manufacture of soda ash.
154711	30-4-1982	Hindustan Ciba Geigy Ltd.	Process for the manufacture of novel guanidine derivatives.
155606	22-1-1983	Do.	A novel process for the preparation of 5-arylalkyl-2, 4-diaminopyrimidines.
155707	22-1-1983	Do.	A novel process for the manufacture of 5 aralkyl-2, 4-diaminopyrimidines.
138928	11-4-1974	Hindustan Lever Ltd., 165-166, Backbay Reclamation, Bombay-400020, Maharashtra, India.	Cosmetic skin moisturizing composition.
146527	28-4-1977	Hindustan Lever Ltd.	A method of purifying perfumery materials.
146699	12-1-1977	Do.	An antiperspirant composition.
147005	12-10-1976	Do.	Heavy duty detergent composition.
147013	8-9-1977	Do.	Process of refining triglyceride oils.
147266	10-2-1978	Do.	Deodorant detergent composition.
147448	4-8-1978	Do.	Process for improving colour and removing undesirable odour of soap.
147962	15-5-1978	Do.	A process for making particular detergent compositions.
148180	15-1-1979	Do.	Process for the preparation of alkyl benzene preparation of alkyl benzene mono-sulphonic acid.
148996	24-4-1979	Do.	Synergistic compositions for promoting hair growth.
149583	10-7-1979	Do.	A method of extracting n-paraffins (wax) from mineral oil containing n-paraffins.
149734	26-2-1979	Do.	Process for preparation of synthetic fatty acid soap from paraffins.
150018	27-11-1979	Do.	A process for making an improved dimensionally stable detergent bar.

1	2	3	4
150029	27-11-1979	Hindustan Lever Ltd.,	A process for making an improved dimensionally stable detergent bar.
150249	20-3-1979	Do.	Non-germicidal deodorant toilet soap bar and process for preparing the same.
151014	21-6-1979	Do.	A process for obtaining basic aluminium halide such as chloride, bromide, or iodide having improved anti perspirant properties.
151160	31-3-1980	Do.	Method and apparatus for the manufacture of multi-coloured detergent bars and detergent bars so produced.
151317	29-1-1981	Do.	Process for the manufacture of water soluble alkali metal salts of sulphonated alkyl esters of long chain fatty acids.
151322	18-1-1980	Do.	Liquid duty dishwashing liquid detergent compositions.
151711	6-7-1981	Do.	A process for preparing hardened and dehydroxylated ester fatty acid feed stock.
152715	4-9-1981	Do.	A method for preparing non-edible dehydroxylated short chain (C1 to C4) esters of hardened castor acids for use in soap making, lubricants and paints.
152722	8-7-1980	Do.	Process for producing of heteropolysaccharide.
153988	6-8-1980	Do.	Synergistic deodorant compositions.
153989	6-8-1980	Do.	Synergistic deodorant compositions.
153990	4-9-1981	Do.	Method of deoiling of slack waxes and deoiled slack wax obtained thereby.
153991	15-9-1980	Do.	A synergistic liquid dishwashing detergent composition for washing plates, dishes and saucepans.
153992	17-3-1982	Do.	Method of upgrading linalyl acetate by removing chlorine from impurities.
154319	30-10-1980	Do.	A process for preparing an adjunct for use in the manufacture of a detergent powder.
154705	12-1-1981	Do.	A process for preparing spray-dried detergent powders and detergent powders so prepared.
154859	1-12-1980	Do.	An improved thickened liquid chlorine bleaching composition.
155073	17-3-1982	Do.	Detergent bars having improved resistance to sogginess and reduced rate of wear.
155097	17-6-1981	Do.	Particulate soap based detergent composition.
155099	17-3-1982	Do.	A process for the preparation of acyloxymethyl derivative capable of being used as perfumery components from hydrocarbons by-product.
155244	18-11-1982	Do.	A process of making soap.
155758	10-9-1981	Do.	A high internal phase water-in-oil emulsion and a process for preparing the same.
156193	29-5-1982	Do.	A process for the preparation of alkalimetal isethionates from ethionic acid.
156362	2-9-1983	Do.	Process for regenerating conventional spent adsorbent used for refining fatty material.
156363	11-8-1982	Do.	Manufacture of acyl isethionates.
156389	26-7-1982	Do.	A synergistic detergent composition.
156579	26-7-1982	Do.	A process for preparing detergent active sulphosuccinate compounds.

1	2	3	4
156588	12-11-1982	Nitto Boeski Co. Ltd., 1, Azo Higashi, Gounome, Fukushima-shi, Fikushima-ken, Japan.	Process for preparing alloys resistant to corrosion and wear at elevated temperatures.
154778	27-2-1981	The Dharansi Morarji Chemical Co. Ltd., 317-21, Dr. Dadabhoy Naoroji Road, Bombay-400001, State of Maharashtra, India.	An improved process for manufacture of phosphoric acid and gypsum from rock phosphate.
148853	25-4-1980	Bangaru Venkata Rama Lakshi Narayana, 18-5-11, Bondadavari Street, Palakol-534260, West Godavari, Dist. Andhra Pradesh.	An insect repellent candle and a method for manufacturing such candle.
149126	21-2-1980	The Indian Space Research Organisation, F-Block, Cauvery Bhavan, Dist. Office Road, Bangalore-560009, Karnataka.	An improved process for producing polyols.
149906	11-7-1980	The Indian Space Research Organisation.	A process for the production of polyhydroxy-ester resins.
153437	18-9-1981	Indian Space Research Organisation, Dept. of Space, F, Block, Cauvery Bhavan, Dist. Office Road, Bangalore-560009, Karnataka.	A process for production of fire retardant rigid polyurethane foam.
147264	9-3-1978	Kontiki Chemicals and Pharmaceuticals Pvt. Ltd., A. K. Office Buildings, Mill Road, Baliapatam, Kerala State, India.	Process for the preparation of coir derivatives.
147307	8-1-1979	Do.	Process for preparing derivatives from coffee husks.
147418	9-3-1978	Do.	A process for preparing an improved adhesive substance.
147937	24-1-1979	Kontiki Chemicals and Pharmaceuticals Pvt. Ltd., A.K. Office Bldg., Naliapatam, Cannanore-670010, Kerala.	Process for the production of cellulose.
154070	4-6-1982	Do.	Process for the production of heavy metal ion adsorbent.
154863	20-1-1981	Do.	Improvements in or relating to aminoplastic synthetic resin adhesives.
143262	9-3-1976	Visvesvaraya Iron and Steel Ltd., Bhadravati-577301, Karnataka, India.	A method of production of ferro vanadium.

COMMERCIAL WORKING OF PATENTED INVENTIONS

MECHANICAL LIST NO. III

The following patents in the field of Mechanical and general Engineering Industries are not being commercially worked in India as admitted by Patentees in the statements filed by them under section 146(2) of Patents Act, 1970 in respect of Calendar year 1986 generally on account of want of requests for licence to work the patented invention. Persons who are interested to work the said patents commercially may contact the patentees for the grant of a licence for the purpose.

Patent No.	Date of Patent	Name and Address of the Patentee	Title of the invention
1	2	3	4
144503	25-10-1976	M/s. Ahmedabad Textile Industry's Research Association, P.O. Polytechnic, Ahmedabad-380015, Gujarat.	A device for detecting/recording/measuring/checking tightness and slackness in a closed loop oscillating system and modified shedding mechanism for a loom.
145392	7-12-1976	Do.	A device or instrument for tracing the profile of cams or tappets and plotting any Parameter which is a function or a cam profile.
147004	27-5-1977	Do.	Means or an instrument for testing, breaking, strength of fibre bundle.
147014	4-8-1978	Do.	An instrument to measure and indicate the speed of the shuttle in and for looms.
147745	22-7-1977	Do.	A rapid abrasion testing means for textile fabrics.

1	2	3	4
148043	12-12-1978	Do.	A method and equipment for recovery of high boiling petroleum fractions and for terpentine present in a gaseous mixture issuing as exhaust from textiles and like dryers.
148672	12-12-1978	Do.	A novel process and apparatus to recover steam and hot water from blow-down water of a boiler.
151569	14-7-1980	Do.	Device to measure, indicate and/or control within present limits stretch/shrinkage of a sheet material.
155925	29-8-1983	Do.	An improved top roller cleaner for textile machinery in particular for ring frames, fly frames and draw frames.
148805	27-3-1979	Arvind Srinivas Niyigundi, of Plot No. 161/A/3, Mollibaug, Ganeshkind Road, Pune-411016, Maharashtra State.	Improvements in or relating to projector for converting images obtained from ordinary two dimensional moving films to images having stereoscopic or three dimensional effects.
140504	27-7-1974	B'Alco-Darr AG, Hönninger Str. 2, 4030, Ratingen, West Germany.	A method of and apparatus for helically winding a band or tube to produce a helically fire tube.
143019	14-7-1975	Do.	A method of and apparatus for helically winding of a band or a tube to form a helically finned tube and the helically finned tube thus produced.
146372	7-7-1976	Do.	A method of and an apparatus for helically winding a strip on to a tube to produce a finned tube.
149290	9-7-1980	Comindia Company Ltd., Steelcrete House, D'Nashaw Vichha Road, Bombay-400020, Maharashtra, India.	Pile and linear assembly process for the manufacture thereof and method of piling employing such assembly.
143361	28-2-1975	Fritz Stahlacker Diesel-Nädhart Strasse 18, D-7341 Bad Urkingen, West Germany.	Method and apparatus for start spinning a thread of an open-end spinning unit of an open-end spinning machine.
143551	31-12-1975	Fritz Stahlacker, W.G.	Open-end spinning unit containing means for cleaning fibrous material.
143635	28-2-1975	Do.	An open-end spinning machine incorporating a movable piecing-up apparatus.
154780	28-7-1981	Do.	Ply. yarn spinning assembly.
146140	4-6-1976	Fuji-Tovuki Co. L'd., 1217, Hayashik-cho, Takamatsushi, Kagawa-ken, Japan.	Oil lubricating device.
156575	30-6-1982	Jaikrishin Gangaram Gvalani of E-2/6, Sunder Nagar, S.V. Road, Malad (West) Bombay-400 064.	An improved device for teaching multiplication tables.
146820	19-11-1976	Hindustan Lever Ltd.	Toothbrushes.
147562	19-1-1978	Do.	An improved device for pouring pourable material rich as liquid shurrie and colloid from a container.
151714	22-9-1980	Spindelfabrik Swessen Schurr, stahlecker and Grill G.m.b.h. Dammstrasse 1, 7334 Sussen, F.R.G.	A device for interrupting the supply of roving in drafting systems.
153097	10-11-1981	Sandvik Aktiebolag, Fack S-81101, Sandviken 1, Sweden.	Cutting tool.
154583	26-3-1981	Do.	Drill tool.
155247	14-12-1981	Shrikant Gajanan Pawar of Mech. Engg. Dept. V.J.T.I., Bombay-400019.	A device for utilization of heat energy from the cooling water and exhaust gas of an I.C. engine plant.
155250	6-12-1982	Jehangir Chwas Mody, of C. J. Industries, Hampton Court, Nathalal Parekh Marg, Bombay-400005, Maharashtra, India.	

1	2	3	4
149288	7-3-1979	Kabelschlepp Gmbh, Narubvirber/str. 75 D-5900 Siegen 1, West Germany.	Improvements in supply line support ducting.
152929	11-5-1981	Kabelschlepp Gmbh Marconborner Str. 75, D-5900, Siegen 1, West Germany.	Energy transmission conduit.
152930	11-5-1981	Do.	
152839	6-6-1981	Khushroo Ghadiali Awa Mansiou, 230 Tardeo Road, Bombay-400007, Maharashtra, India.	An improved bumper device for vehicles.
146888	11-3-1977	Kimmon Manufacturing Company Ltd., 2-3, 1-chome, Shimura, Itabashi-ku, Tokyo, Japan.	Diaphragm type gas motor.
157145	1-7-1983	Kuri Kronenberg, Muhlenbergweg 10, D-5485 Sinzig, West Germany.	Closing device for flexible containers.
154782	9-8-1982	Maschinenfabrik Fr. Gmbh. & Co. Bahnhofstr. 21, 5820 Gevelsberg F.R.G.	Device for the packaging of powder granulates and lump paste and liquid materials to be packaged by means of a tubular film.
153798	12-5-1982	Natresh Kumar Gogole of 43-D/214 Manish Nagar, Versova Road, Andheri(W), Bombay-400058.	Folding safety/crash helmet.
156747	20-11-1982	Nippon Rika Kogyosho Co. Ltd., of 20-6, Ohi 1-chome, shinagawa-ku, Tokyo 140, Japan.	Apparatus for manufacturing prepreg of mica sheets.
150732	14-11-1980	Onoda Cement Co. Ltd., of 6276 Oaza Onoda, Onoda-shi, Yamaguchi-ken, Japan.	An air classifier.
143266	21-2-1975	Slm-Maneklal Industries Ltd., Shafi Manzil, Ashram Rod, City of Ahmedabad, State of Gujarat, India.	A system of bleaching textile fabrics.
142741	8-10-1975	Yoshio Murao Ha 56-1, Masuizumi-machi, Kanazawa, Ishikawa Pref, Japan.	Cleaning machines for bobbins with waste sliver.
156364	10-9-1982	Yoshio Murao Ha-173, Mukaotamaru-cho, Kanazawa-shi, Japan.	A clearer, device for lower or bottom drafting rollers of a spinning machine.
156390	10-9-1982	Yoshio Murao Ha-173, Nyakotomaru-cho, kanazawa-shi, Japan.	Clearer device for top drafting rollers of a spinning machine.
155765	1-6-1982	Spindelfabrik Sussen, Schurr, Stahlecker and Grill G.m.b.h. Dammstrasse 1, 7334 sussen F.G.G.	Device for interrupting the feed of a roving to drawing frames of a spinning machine.
148580	28-9-1978	Brakes India Ltd., Padi, Madras-600050, Tamil Nadu, India.	A brake fluid reservoir of a hydraulic braking system.
148974	28-9-1979	Do.	A self-operative device for adjusting the brake lining with respect to the brake drum of a braking system.
149184	14-11-1979	Shroff Pillappa Venkatasubbiah, No. 12, Thimmaraya Sotty Lane, Nagarthapet Cross, Bangalore-560002, Karnataka State, India.	An apparatus for discharging liquid in measured quantity.
149236	16-6-1980	Brakes India Ltd., Padi, Madras-600050, Tamil Nadu.	An improved cam brake.
149241	5-4-1980	Do.	A pedal mechanism for a hydraulic brake System.
153829	25-10-1982	Do.	S-cam brake
156335	19-10-1982	Do.	A dust cover for wheel cylinders of vehicle hydraulic brakes.
154718	5-9-81	Dr. Jose Thiakkattil University Health Centre, Calicut University P. O. Kerala State	Comb.

1	2	3	4
147675	3-4-1978	Erodhula Satyanarayana, of 13-2-13, Moses House, Maharanipet, Visakhapatnam 530002, Andhra Pradesh, India.	Improvements in or relating to stoves.
154368	20-1-1982	Kannappan Narayana Perumai, Padma Agencies, Padma Vilas Bldg., Agrahar Road, Melur-625106, Madurai, Tamil Nadu.	A plough tiller blade for use with cultivators.
149294	5-7-1979	Lucas Industries Ltd., Great king Street, Birmingham-19, England.	A servo booster assembly for a vehicle braking system.
149295	5-7-1979	Do.	A servo booster for a vehicles braking system.
149296	5-7-1979	Do.	A servo booster assembly.
149297	5-7-1979	Do.	A servo booster for a vehicle braking system.
149394	8-2-1980	Do.	A vehicle dec brake assembly.
149638	11-12-1979	Do.	A railway disc brake assembly.
149798	29-10-1979	Do.	Braking actuating assembly for vehicle braking system.
149834	19-9-1979	Do.	A disc brake assembly.
149835	9-1-1980	Do.	A friction pad assembly for railvshicle brakes.
150265	28-11-1979	irling Limited, Kings Road, Tysely, Birmingham-11 England.	Brake actuator.
150269	23-2-1981	Lucas Industries Limited, Great king street Birmingham-19, England.	A pin sliding caliper disc brakes.
150358	5-3-1980	Do.	A brake friction pad for or shoe assembly.
150461	8-2-1980	Do.	A frictionlining wear indicator for shoe-drum brakes.
150635	9-1-1980	Do.	Vehicle load sensing arrangement.
150636	5-3-1980	Do.	Drum brake adjusters
150673	7-7-1980	Do.	A piston assembly for hydraulic master cylinder.
150779	21-5-1980	Do.	Automatically adjustable shoe drum brake.
151352	21-5-1980	Do.	A brake having an automatic adjuster.
151873	7-4-1981	Do.	Master cylinder.
152181	23-2-1981	Do.	A servo booster for vehicle braking system.
152469	1-4-1981	Do.	A method of manufacturing a master cylinder.
153873	5-8-1981	Do.	Master cylinder.
154071	22-12-1981	Do.	Friction pad assembly for use in a disc brake.
156336	20-4-1983	Do.	A disc for a vehicle disc brake.
156309	3-9-1982	Manieshwar Gurudutt, Guruprasa No. 8. 15th Cross Road, Malleswaram, Bangalore-560055, Karnataka, India.	An improved tie rod end ball joint.

1	2	3	4
145432	23-2-1977	Musba Mohamed Ansar, 73 Angappa Naicken Street, Madras-600001, Tamil Nadu.	An improved in or relating to disposable pilfer proof bags or containers.
145433	23-2-1988	Do.	Improvements in or relating to disposable pilfer proof bags or containers.
145610	23-2-1977	Do.	Improvements in or relating to disposable pilfer proof bags or containers.
156230	12-2-1982	T.I. Cycles, of India Limited, 28, Rajaji Road, Madras-600007, Tamil Nadu.	An adjustable handle bar for a bicycle.
152842	22-6-1982	United Technologies, a partnership firm 46/l, Church Street, Bangalore-1, Karnataka.	A chain.
144400	19-8-1976	VST Industries Limited, Azamabad, Hyderabad-500020, Andhra Pradesh.	Improvements in or relating to blanks for cartons.
149382	22-8-1980	Vellaiappan Velayudan Thanga Thirupathy, No. 13, Sadasiva Pillai Lane, Chintadripet, Madras-600002, Tamil Nadu, India.	A safety device for use in air or space crafts.

RENEWAL FEES PAID

140386 140732 141960 143481 143570 143587 143740 143784
 143932 143978 144831 144900 145260 145390 145590 145642
 146216 146424 146445 146572 147189 147585 147874 149034
 149358 149471 149509 149516 150078 150299 151453 151514
 152093 152105 152123 152671 152697 152817 153201 153215
 153346 153454 153469 153485 153582 153641 153724 153740
 153954 154102 154202 154530 154541 154572 154582 154984
 155054 155345 155610 155749 155839 155904 155945 155966
 156059 156280 156595 157293 157634 157638 157686 157689
 157985 158048 158078 158105 158121 158267 158361 158604
 158850 158924 159200 159232 159235 159630 159631.

CESSATION OF PATENTS

155318 155943.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 151196 granted to Singh & Associates for an invention relating to "a powder cutting equipment for cutting of stainless steel, non-ferrous metals and their alloys."

The patent ceased on the 05th April, 1985 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2, dated the 12th April, 1986.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents. The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 19th May 1988 under Rule 69 of the Patent Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

DESIGN CANCELLATION PROCEEDING UNDER SECTION 51/A

The design cancellation proceedings under Section 51A of the Design Act, 1911 in respect of Regd. Design Nos. 157545 and 157546 have been treated as withdrawn with the request of the Applicants M/s. Elcom and the Regd. Props. M/s. Om Industries passed by an Order from Dy. Controller of Patents and Designs dated 21-1-88.

REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 158751. Micronix India, Plot No. 4, Bata Chowk, Faridabad-121001, State of Haryana, India, a Partnership firm. "Aerial Booster". 31st August, 1987.

Class. 1. Nos. 158757, 158758, 158759. Sturm, Ruger & Company, INC., a Delaware Corporation of Lacey Place, Southport, Connecticut 06490, United States of America, "a Small Revolver with Hammer". 2nd September, 1987.

Class. 1. No. 158805. Makarand R. Churi, Thakur Building, 2nd floor, Opp-Kirti College, Kashinath Dhuru Road, Dadar, Bombay-400 028 Maharashtra State, India, A Subject of the Republic of India. "A Frame for Utensils". 14th September, 1987.

Class. 3. No. 158464. Dunlop India Limited, Dunlop House, 57B, Mirza Ghalib Street, Calcutta-700016, West Bengal India an Indian Company. "TYRE". 25th June, 1987.

Class. 3. No. 158566. Atam Prakash, P-10A, Jangpura Extension, New Delhi-110014, India, an Indian National. "Electric Lamps". 21st July, 1987.

Class. 3. Nos. 158672, 158673. Nandkumar Shrikant Rathi Amogh Plastopack Pvt. Ltd., 609, Raviwar Peth, Pune-411 002, Maharashtra State, India, A Subject of the Republic of India. "PVC BOTTLE". 12th August, 1987.

Class. 3. No. 158474. M. K. Electric Limited, a British Company, of Shrubbery Road, Edmonton, London N9 OPB, England. "a 5/15 Amp Electric Switch Socket". 1st July, 1987.

Class. 3. No. 158475. M. K. Electric Limited, a British Company of Shrubbery Road, Edmonton, London N9 OPB, England. "a 5/15 Amp Electric Socket". 1st July, 1987.

Class. 3. No. 1584477. M. K. Electric Limited a British Company, of Shrubbery Road, Edmonton, London N9 OPB, England. "an Electric Panel Mounting Frame (3-Module)". 1st July, 1987.

Class. 3. No. 158478. M. K. Electric Limited, a British Company of Shrubbery Road, Edmonton, London N9 OPB, England. 1st July, 1987.

Class. 3. No. 158479. M. K. Electric Limited, a British Company of Shrubbery Road, Edmonton, London N9 OPB, England. an "Electric Fuse Unit". 1st July, 1987.

Class. 3. No. 158480. M. K. Electric Limited, a British Company, of Shrubbery Road, Edmonton, London. N9 OPB, England, a "2/3 Pin Electric Socket". 1st July, 1987.

Class. 3. Nos. 158870 to 158876, Rotomould (India), Vijay Industrial Estate, Padra Road, Samiala, Baroda 391410, Gujarat, India, an Indian Partnership firm. "Storage Tank". 5th October, 1987.

Class. 4. No. 158839. Peico Electronics and Electricals Limited, of Shivsagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-400 010, Maharashtra, India, an Indian Company. "a Black & White Television". 24th September, 1987.

Class. 5. No. 158770. Espionage Limited, a British Company of Oak Lodge, 275 Ongar Road, Writtle, Chelmsford, Essex, England. a "Game Board". 4th September, 1987.

Class. 12. Nos. 158754 to 158756. The Boots Company Plc. of 1, Thane Road West, Nottingham NG2 3AA, England, a British Company. a "Pharmaceutical Tablet (Case—1, 2, 3)". Reciprocity Date is 11th March, 1987. (U.K.).

Exten. of Copyright for the Second period of five years.

No. 154488. Class-3.

Exten. of Copyright for the Third period of five years.

Nos. 147136, 147137, 147138, 147139, 147140, 147141, 147142, 147144. 147129, 147130, 147131, 147133, 147134, 147135, 147172, Class-1.

No. 154488. Class-3.

R. A. ACHARYA

Controller General of Patents, Designs & Trade Marks